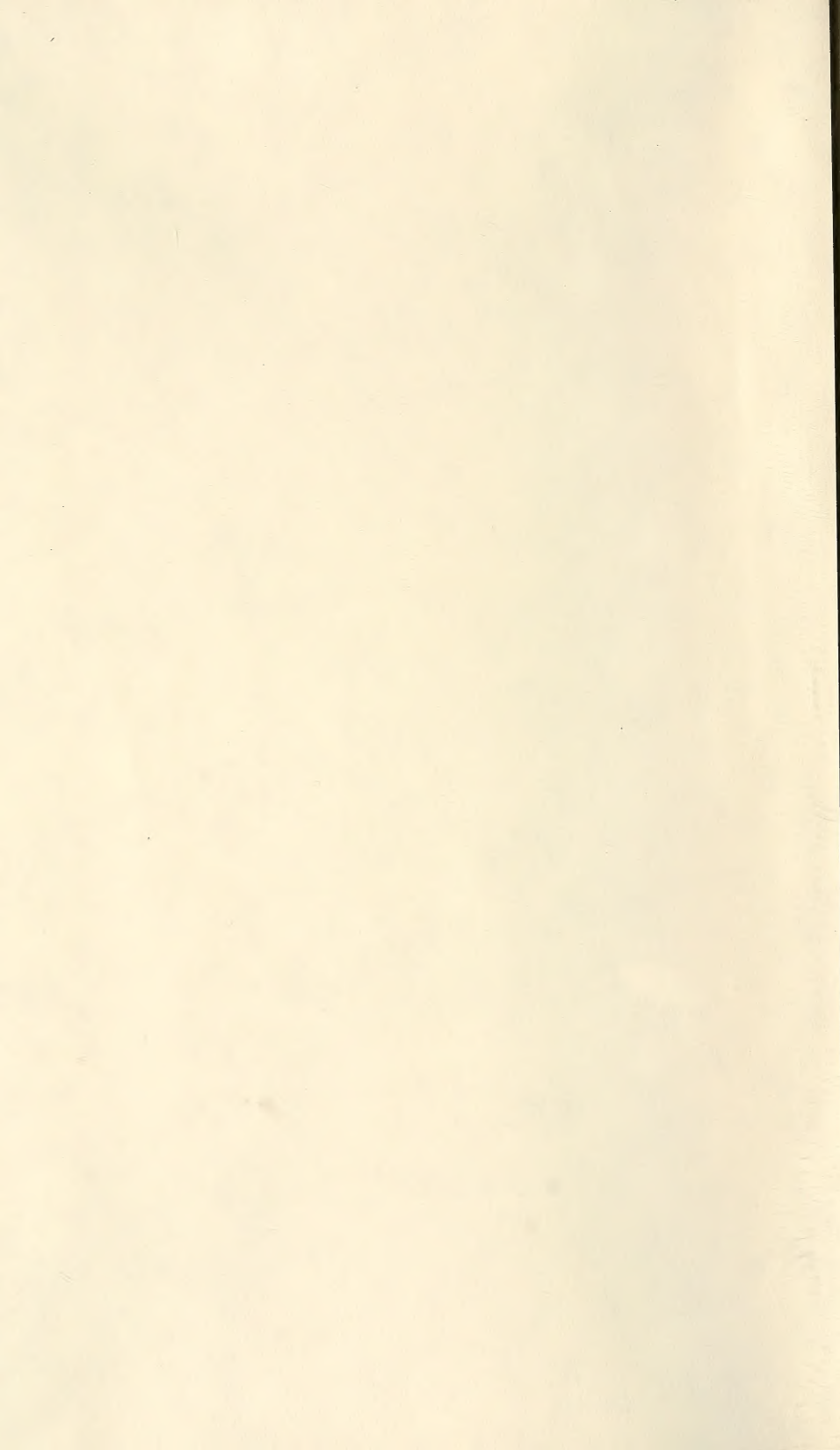


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BRYN MAWR COLLEGE

CALENDAR

Carola Woerishoffer Graduate
Department of Social Economy and
Social Research

1928

Sample
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BRYN MAWR, PENNSYLVANIA
Published by Bryn Mawr College
Volume XXI, Part 1. January, 1928

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ACADEMIC YEAR, 1928-29.

October 1st.	Registration of students. Halls of Residence open for students at 3 p. m. Deferred and condition examinations begin. Examinations for advanced standing begin.
October 2nd.	Registration of students.
October 3rd.	The work of the forty-fourth academic year begins at 8.45 a. m.
October 6th.	Examination in German for M.A. candidates, 9-10.30 a. m. Deferred and condition examinations end.
October 13th.	Examination in French for M.A. candidates, 9-10.30 a. m.
November 21st.	Examination in French for M.A. candidates, 8-9.30 p. m.
November 24th.	Examination in German for M.A. candidates, 9-10.30 a. m.
November 28th.	Thanksgiving vacation begins at 12.45 p. m.
December 3rd.	Thanksgiving vacation ends at 9 a. m.
December 8th.	Ph.D. Language examinations.
December 20th.	Christmas vacation begins at 12.45 p. m.
January 5th.	Christmas vacation ends at 9 a. m.
January 19th.	Lectures transferred from January 21st.
January 21st.	Vacation.
January 22nd.	Half-yearly collegiate examinations begin. Ph.D. Language examinations.
February 2nd.	Collegiate examinations end. Annual meeting of the Alumnæ Association.
February 4th.	Vacation.
February 5th.	Vacation.
February 6th.	The work of the second semester begins at 9 a. m.
March 15th.	Announcement of European Fellowships.
March 27th.	Easter vacation begins at 12.45 p. m.
April 4th.	Easter vacation ends at 9 a. m.
April 6th.	Ph.D. Language examinations.
May 18th.	Lectures transferred from May 20th.
May 20th.	Vacation.
May 21st.	Collegiate examinations begin.
June 1st.	Collegiate examinations end.
June 6th.	Conferring of degrees and close of the forty-fourth academic year.

OFFICERS OF ADMINISTRATION.

ACADEMIC YEAR, 1928-29.

President,

MARION EDWARDS PARK, PH.D., LL.D.

Office: Taylor Hall.

President Emeritus,

M. CAREY THOMAS, PH.D., LL.D.

Dean of the College,

HELEN TAFT MANNING, PH.D.

Office: Taylor Hall.

President's Representative for Graduate Students,

EUNICE MORGAN SCHENCK, PH.D.

Office: Taylor Hall.

Secretary and Registrar of the College,

EDITH BARBARA GAVILLER, A.B., B.Sc.

Office: Taylor Hall.

ACADEMIC APPOINTMENTS.

1928-29

Carola Woerishoffer Graduate Department of Social Economy and Social Research.

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B., College of the Pacific, 1890; A.M., Leland Stanford Jr. University, 1899; Ph.D., Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Departments, Simmons College, 1906-07; Assistant Professor, Associate Professor, and Professor in Economics, Simmons College, and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15.

HORNELL HART, PH.D., *Associate Professor of Social Economy.*

A.B. Oberlin College, 1910; M.A. University of Wisconsin, 1915; Ph.D. University of Iowa, 1921. Civic Secretary of the City Club of Milwaukee, 1913-17; Research Fellow of the Helen S. Trounstine Foundation of Cincinnati, 1918-19; Sociologist, Iowa Child Welfare Research Station, 1919-24; Research Associate Professor of Sociology, University of Iowa, 1921-24; Executive Secretary of the Iowa Child Welfare Commission, 1924.

DOROTHY McDANIEL SELLS,* Ph.D., Associate in Social Economy.

A.B., Wellesley College, 1916; M.A., University of Chicago, 1917; Ph.D. (Econ.), University of London, 1923. Special Agent, U. S. Bureau of Labor Statistics, 1917-18; Employment Manager for Women, Waterville Arsenal, 1918-19; Director, Industrial Education for Women, Texas, 1919-20; Inspector of Canneries, Industrial Welfare Commission of California, summer of 1920; Graduate student, London School of Economics, 1920-23; Industrial Research, International Labour Office, Geneva, 1922-23.

HENRIETTA S. ADDITON, M.A., Non-resident Lecturer in Social Economy.

A.B., Piedmont College, 1907; M.A., University of Pennsylvania, 1911; Fellow, University of Pennsylvania, 1910-11, 1912-13. Instructor, History and Civics, Piedmont College, 1908-10; Agent, Philadelphia Society for Organizing Charity, 1913-14; Probation Officer and Case Supervisor, Philadelphia Municipal Court, 1914-16; In Charge, Probation Department, Juvenile Court, 1917; Assistant Director, Director, Section on Women and Girls, Law Enforcement Division, Commission on Training Camp Activities, War Department, 1918-19; Executive Assistant and Director, Field Service, Women and Girls, United States Interdepartmental Social Hygiene Board, 1919-22; Executive Secretary, Big Sisters Association of Philadelphia, 1922—.

ALICE SQUIRES CHEYNEY,† Ph.D., Lecturer in Social Economy.

A.B., Vassar College, 1909; University of Pennsylvania, 1910-11, 1918-22, and Ph.D., 1923. Carola Woerishoffer Graduate Department of Social Economy and Social Research, Bryn Mawr College, 1915-16, 1917-18; University of Wisconsin, 1916-17. Agent, Children's Bureau, Philadelphia, 1909-11; Assistant to the Director, Bureau for the Registration and Exchange of Confidential Information, Philadelphia, 1911; Investigator, Massachusetts Commission on Minimum Wage Boards, Boston, 1911; Investigator, New York State Factory Investigation Commission, 1913-14. Agent, Federal Children's Bureau, 1917; Secretary, Sub-Committee, Pennsylvania State Commission on Public Safety, 1917-18; Instructor in Industrial Problems, Pennsylvania School of Social and Health Work, Philadelphia, 1919-21, 1922-24; Tutor, Summer School for Women Workers, Bryn Mawr College, summer, 1924; Secretary, World Court Speakers' Bureau, Philadelphia, 1925; Acting Executive Secretary, Women's International League for Peace and Freedom, 1925. Consulting Fellow, Robert Brookings Graduate School, 1925-26; Representing the American Committee for the Geneva Institute at the International Labour Office, 1927—.

*Departments Offering Seminaries Specially Recommended to
Students of Social Economy.*

JAMES H. LEUBA, Ph.D., Professor of Psychology.

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Ph.D., Ursinus College, 1888; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

DAVID HILT TENNENT, Ph.D., Professor of Biology.

S.B., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904.

THEODORE DE LEO DE LAGUNA, Ph.D., Professor of Philosophy.

A.B., University of California, 1896, and A.M., 1899; Ph.D., Cornell University, 1901. Teacher in the Government Schools of the Philippine Islands, 1901-04; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.

MARION PARRIS SMITH, Ph.D., Professor of Economics.

A.B., Bryn Mawr College, 1901, and Ph.D., 1908. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.

**CLARENCE ERROL FERREE,* Ph.D., Professor of Experimental Psychology
and Director of the Psychological Laboratory.**

B.S., Ohio Wesleyan University, 1900, A.M., 1901, and M.S., 1902; Ph.D., Cornell University, 1909. Fellow in Psychology, Cornell University, 1902-03; Assistant in Psychology, Cornell University, 1903-07.

* Granted leave of absence for the year 1927-28.

† Substitute for Dr. Sells.

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B., Loyola College, 1898; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.

ROGER HEWES WELLS,* PH.D., *Associate Professor of Economics and Politics.*

A.B., Northwestern University, 1916; M.A., Harvard University, 1922, and Ph.D., 1923. Assistant in Government, Harvard University, 1921-22; Austin Teaching Fellow in Government, Harvard University, 1922-23.

AGNES LOW ROGERS, PH.D., *Professor of Education and Psychology.*

M.A., St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*

London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902.

ILSE FOREST, PH.D., *Associate in Education.*

B.S., Teachers College, Columbia University, 1922, and M.A., 1923; Ph.D., Columbia University, 1927. Teacher and critic in kindergarten and elementary grades, 1915-23; Demonstration teacher, State Normal School, New Paltz, N. Y., 1923-24; Laura Spelman Rockefeller Fellow, Teachers College, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27.

Special Lecturers.

EVA WHITING WHITE, B.S., *Non-resident Lecturer in Community Organization.*

B.S., Simmons College, 1907. Head Resident, Elizabeth Peabody House, Boston, Mass., 1909—; Massachusetts Board of Education, in charge of Vocational Education for Women and Girls, 1910-14; Staff Lecturer, Boston School for Social Work, 1912-14; Massachusetts Homestead Commission, 1916—; Massachusetts Immigration Commission, 1916; Survey of Public Schools, Gary, Ind., 1916; Vice-Chairman, Federal Commission on Living Conditions, 1917-19; Director of Training, Intercollegiate Community Service Association, 1919—; Professor of Social Economy and Director of the School for Social Work, Simmons College.

ALICE HAMILTON, M.D., *Non-resident Lecturer on Industrial Poisons.*

M.D., University of Michigan, 1893. Universities of Leipzig and Munich, 1895-96; Johns Hopkins University, 1896-97; University of Chicago, 1898-1900; Pasteur Institute, Paris, 1903. Professor of Pathology, Woman's Medical College of Northwestern University, 1899-1902; Bacteriologist, Memorial Institute for Infectious Diseases, 1902-10; Investigator of Industrial Poisons for U. S. Department of Labor, 1910—; Assistant Professor of Industrial Medicine, Harvard Medical School, 1920—.

LILLIAN MOLLER GILBRETH, PH.D., *Non-resident Lecturer in Social Economy.*

B.Litt., University of California, 1900, and M.Litt., 1902; Ph.D., Brown University, 1915. President, Gilbreth, Inc., consulting engineers in management. Director of Courses in Motion Study, Gilbreth Laboratories, Montclair, N. J.

* Granted leave of absence for the year 1927-28.

BRYN MAWR COLLEGE

THE CAROLA WOERISHOFFER GRADUATE DEPARTMENT OF SOCIAL ECONOMY AND SOCIAL RESEARCH.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The programmes offered in the Department fall into four groups: I. Programme in social case work in the family, in child welfare, and in social guardianship; II. Programme in community organization; III. Programme in industrial relations; IV. Programme in social and industrial research. The principles upon which the programmes are based are those which have been tested in the older professional schools:

- (1) The work is distinctly and entirely postgraduate.
- (2) Knowledge of the fundamental principles underlying the social and industrial structure is regarded as prerequisite to the graduate courses; namely, preparation in elementary economic theory, elementary psychology, and elementary sociology.
- (3) The instruction includes on the one hand seminaries embodying the theories of social relations and of industrial relations; and on the other hand seminaries giving the technique of social case work, of community organization and leadership, of labor adjustments, of social and industrial research, and of administration of social agencies, accompanied in each case by field practice, called a practicum.
- (4) All observation, field practice, and non-resident experience is carefully and closely supervised by an instructor well grounded in theory and familiar with and experienced in technique.

The programmes on pages 24-29 are presented in order to afford the student a panoramic view of the work which is open to her (see the successive programmes), the agencies which carry on work in each field (see the last column of each programme), and the types of positions open in the various agencies (see next to the last column of each programme).

It will be noted that the same types of positions and problems are found in several fields of work. In the first column of each programme are placed, therefore, those subjects which provide the foundation for all types of positions. These subjects are selected from the group courses given in economics, politics, psychology, education, philosophy, biology, and history in Bryn Mawr College. In the second and third columns are given only those subjects which *bear directly* on the special field of work under consideration. The elementary and advanced undergraduate courses are cultural and not professional, but are recommended as courses of the greatest value for the student who wishes to direct *some part* of her college studies toward this specialized field. The courses given under "graduate courses" are *essential to adequate preparation* for the field of work indicated. The courses scheduled in the charts are not in every case described in this pamphlet but may be found in the Bryn Mawr College Calendar, from which the description of courses given below (pages 31 to 40) is reprinted.

The wide range of choice in fields of work and in agencies, necessitates careful thought on the part of the student as to her natural fitness for any particular work, and the amount of time she can give to training herself for it. The student may write for advice and suggestion, or may wait until after arrival at Bryn Mawr for conference with the Director and Instructors before selecting the field in which she may work. The descriptions of the various programmes, together with the charts which follow, are presented in an endeavor to assist the student to wise specialization although the fields will necessarily supplement one another and overlap as, for example, **industrial relations and community work** or industrial research, and *seminaries may be so chosen as to combine work in two fields*. The purpose of the outline is to suggest the content of an adequate preparation for the types of work considered and the range of opportunities in each field as they now exist.

I. Social Case Work.

Case work with families and with individuals, whose behavior and circumstances bring them to the attention of public or private agencies, has developed a highly specialized technique which can be thoroughly mastered only through study and practice. It began with the efforts of charity organization societies to administer relief in such a way that the clients would be permanently helped and the resources of the society and of the community fully and effectively utilized. But case work has come to be recognized as necessary to effect an adjustment of social amelioration and protection to the needs and circumstances of the prospective beneficiaries or wards.

In varying degrees of development case work is carried on by family welfare societies, state, county and city welfare departments, mothers' pension boards, Red Cross Home Service, bureaus for the assistance and care of dependent, neglected or abused children, probation and parole departments of courts and reformatory institutions, departments of counseling in schools, social service departments in hospitals, clinics, and health agencies, in certain forms of vocational service to handicapped people and in other social welfare activities. In all of these various forms of case work, there are common elements and in each are special applications. The common elements are found in the technique of investigating and defining the problem which confronts the maladjusted individual or family. The special applications have to do with social institutions such as schools, industry, or the law to which the person or family is to be specially related. In other words an investigation to ascertain eligibility for mothers' pension and an investigation to ascertain the causes of juvenile delinquency in a given case will have many common factors, but each investigation will also have some phases determined by the fact that in the one instance a relief measure is to be administered and in the other a corrective. An investigation to find out why a child is backward in school and an inquiry as to why clinic treatment is not showing the expected results are related but by no means identical. It is the aim of social case work, as presented in the Carola Woerishoffer Graduate Department to emphasize the common basis of social investigation and social diagnosis, of

the use of experts in medicine, psychiatry and similar fields of special study, and of the relation of the individual or family problem to community conditions and resources. Under the latter heading a knowledge of laws and their operation, of agencies, public and private, and of special research studies is developed.

Skill in the art of case work requires certain personal qualities on the part of the case worker. When contemplating preparation for the practice of case work, students might find it helpful to get in touch with a case working agency in their vicinity and to talk over with the executive director of that agency the requirements in time, effort, tact, sympathy, training and information which positions in case work require. College and other vocational bureaus, the American Association of Social Workers and the instructors of the Carola Woerishoffer Department will be glad to advise students regarding the requirements for success in the case work field.

In addition to the seminary in Case Work, to which it is presupposed the student will devote one-third of her time, she will take a seminary in Social Relationships, or a seminary in Social Origins, and a third seminary in a related subject such as Psychology, Child Guidance or Education. For students desiring technical courses in Criminal Law arrangements are made with the University of Pennsylvania Law School. (See Programmes I, II, III, pages 24 to 26.)

II. Community Organization.

Community Organization activities, ordinarily designated as Community Organization, fall into four principal groups: (1) the organization and federation of clubs for adults and children; (2) the mobilization of community interest and support for particular activities or programmes such as those carried on by the Young Women's Christian Association, American Red Cross, and other groups; (3) the development of councils of social agencies and financial federations; (4) the creation of self-consciousness and channels of expression and activity in all communities, especially in those which are undeveloped.

Under the latter heading fall such activities as those of Community Centers, neighborhood associations, and the social settlements. This form of community organization pre-

supposes that the citizens of the community really want to band themselves together for some form of cooperative undertaking. It involves the creation of some kind of machinery, and seems to point to the need for: (1) executives; (2) adults' workers; (3) girls' workers; (4) boys' workers; and (5) children's workers.

All of these workers and activities cannot be secured in the early development of any community association. It is, therefore, necessary for community workers to be prepared to direct several community activities and to be expert in at least one special activity. A large amount of volunteer service should be utilized and the director must be able to supervise the work of volunteers. The student preparing for these positions should have a thorough course in the theory of community organization, a knowledge of the technical requirements of all phases of work and special technical training in one or more community activities.

The courses recommended for the first year include (1) Seminary in Community Organization; (2) Seminary in Social Education (Principles of Education applied to Community Work) and Seminary in Social Psychology, one being given in the first semester and one in the second; (3) the seminary in Social Origins or in Social Relationships or other seminaries noted in Programme IV, page 27.

During the second year the student is recommended to elect from the following seminaries: Seminary in Social and Industrial Research; Seminary in Municipal Government; Seminary in Labour Organization; Seminary in Social Philosophy.

III. Industrial Relations.

The Grace H. Dodge fellowships and scholarships were first awarded in 1918 in order to prepare women to aid in the adjustment of human relations in industry. They were the direct outcome of the work undertaken by the War Work Council of the National Board of the Young Women's Christian Association and by the Carola Woerishoffer Graduate Department, by which training in industrial relations was inaugurated. The endowment of a chair of instruction in the

Carola Woerishoffer Graduate Department by Mr. John D. Rockefeller, Jr., and the efforts of a committee to secure endowment for fellowships and scholarships, have provided for the continuation of these opportunities.

The programme in Industrial Relations (see Programme V, page 28) is planned to prepare the student for positions which deal with problems relating to the human element in industry. Recognizing that the development of the individual and of industry are inextricably bound together the courses afford a study of education and advancement of workers on the one hand and of industrial organization on the other.

As the department which directs the human relations of an industrial enterprise is the vantage point from which we may view the economy of labour and the distribution of well-being, the student spends her first semester of practical work in a well-organized employment department of an industrial or commercial establishment in or near Philadelphia, and gives especial attention to questions of industrial organization. For the second semester she may be placed in direct contact with workers in industry or in the trade union movement, or may be associated with centralized employment agencies, or may devote herself to factory inspection or to work with industrial groups in the community.

Preparation for all these lines of work follows practically the same programme. The work of the first year includes the seminary in Labour Organization, the seminary in Industrial Relations, a course in Statistics and a third seminary to be elected by the student with the consent of the Director of the Department. In the second year the student may elect the advanced seminaries but will devote a considerable part of her time to special labour investigations.

IV. Social and Industrial Research.

Every phase of social work demands investigators prepared to gather data, analyze them, make interpretations and present the findings with constructive conclusions and recommendations. Every social organization also is feeling increasingly the necessity of having on its staff experts capable of planning and maintaining systems of records and especially fitted to

analyze and interpret the material acquired by the organization, not only in order to outline reports of its accomplishment, but also in order to formulate social programmes which may result in social betterment through social legislation and social education.

Federal and state departments and commissions, as well as private foundations have properly assumed the responsibility of studying the social and industrial conditions of the country, and from these boards and organizations comes the constant demand for expert statisticians, investigators, and research directors and assistants. And these workers must possess wide knowledge of social conditions, social organizations and processes for organized social betterment.

Industries are also demanding experts who may be able to determine through surveys the special needs of industrial groups or of definite plants in relation to labour supply and labour efficiency. Labour Unions are carrying on research work, calling on experts to investigate problems of production and to prepare legislation and even briefs for legal cases. Communities are seeking workers trained to make surveys through which the resources and special needs of the community may be discovered, deleterious conditions removed, and the forces of the community organized for the attainment of higher community standards.

Students wishing to devote themselves primarily to social and industrial research will find it necessary to pursue a two or three year course. Not only must they master the technique of schedule making, tabulation, interpretation, and exhibitions, but this technical training must be based on a broad knowledge of social, industrial, and economic questions. The following arrangement of studies is recommended to students: in the first year of the course special preparation in Statistics, the seminary in Labour Organization, a seminary in Social Theory, and a third seminary in Psychology, Education, Economics or Philosophy; in the second year, the seminary in Social and Industrial Research, and two seminaries in advanced social theory, chosen from those suggested in Programme VI, Page 29. In the third year may be completed a piece of research undertaken in the seminary in Social and Industrial

Research during the second year, which may become the material for the Doctor's thesis. Other electives will depend upon the choice by the student of the associated and independent minors leading to the Doctor's degree. Students entering Bryn Mawr after one year of graduate work at another institution, may enter the second year of the programme in Social and Industrial Research.

In these four groups the instruction is aimed primarily to prepare students, who have had but little experience, for positions in the respective fields. But opportunity is especially offered for more mature students who have had considerable experience in social work and who wish further preparation for executive and administrative positions. In addition to advanced work in the appropriate branch of social work the student may pursue the course in Administration of Social Agencies, and may elect seminars related to her special interest.

General Statement.

Pre-requisites.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing, and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology,* and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology, or philosophy (that is altogether 5 hours work per week for two years in one of these subjects).

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field or laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work, or Community Organization, or Industrial Relations, in which she will give 7 hours a week

* Students not having had these courses may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

during the term time and vacation practica to practice or field work with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics, and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation, and conference. Full graduate work involves about 44 hours of work per week.

Practice work required in each field consists of two types: (1) field work consisting of 7 hours each week; (2) non-resident experience with social institutions, agencies, or business firms obtained during four weeks in December and January and eight weeks during the summer following the eight months of work in Bryn Mawr College. The department will endeavor to arrange that the students shall not be at expense for room and board, other than that paid to the College during the ten days from December 10th to 20th, or during the eight weeks of the summer practicum.

*Practice
or
Field Work*

For those students who are taking a seminary including laboratory or field work, the year's programme will therefore run as follows: (1) work at Bryn Mawr College, October 1st to December 10th, during which period at least one day a week is given to field work; (2) a mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research from December 10th to January 4th in New York, Boston, Philadelphia or elsewhere; (3) January 5th to February 2nd, during which period the student gives her entire time to classes and study at Bryn Mawr College; (4) February 6th to June 6th, during which time the student gives one day a week to field practice work, with the exception of the Spring vacation; (5) the summer practicum from June 10th to August 3rd, during which time the student gives all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the College, and during the mid-winter and summer practica is under the careful supervision of an instructor of the Department. After one year of work in this department one-half year may be

given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office, or in a manufacturing or mercantile establishment in Philadelphia, New York, New England, or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department, or business firm.

*Certificates
and
Degrees.*

Students entering the Department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work, or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work, or field work in social and industrial research.

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degrees of Master of Arts or of Doctor of Philosophy; admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

Candidates for the degree of Doctor of Philosophy in Social Economy and Social Research may select the associated or independent minor from the graduate seminaries and courses outlined in this announcement or from other graduate seminaries or courses, subject to the approval of the Graduate Committee. According to the regulations of the Academic Council of Bryn Mawr College, candidates for this degree in other departments may elect seminaries in Social Economy for the associated or the independent minor, with the approval of the Director of the Department.

Any applicant expecting to become a candidate for the

degree of Master of Arts should write in advance to the office of the Recording Dean for a Calendar of Graduate Courses and note the requirements for the degree.*

The appointment Bureau of Bryn Mawr College is under the direct supervision of the Dean of the College and the Carola Woerishoffer Department coöperates with it in recommending for positions women trained in this department.

Fellowships and Scholarships.

The most distinguished place among graduate students is held by the fellows and graduate scholars, who must reside in the college during the academic year. Fellowships and scholarships available in the Department of Social Economy are as follows:

*Resident
Graduate
Fellowships
and
Scholarships.*

The Mary Elizabeth Garrett European Fellowship of the value of \$1,000 was founded by Miss Mary Elizabeth Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student in any department who has completed at least three semesters of graduate studies at Bryn Mawr College. The fellowship is to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The fellowship is awarded to assist candidates for the degree of Doctor of Philosophy of Bryn Mawr College to complete their preparation. It is therefore understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

The Helene and Cecil Rubel Foundation Fellowship of the value of \$1,500 was founded in 1920 by Miss Helen Rubel, of New York City, to be awarded in each year by the Faculty of Bryn Mawr College with the approval of the donor. The fellowship may be awarded to any woman who has at any time studied in the graduate school of Bryn Mawr College long enough to have shown her ability irrespective of whether her

* For requirements for the Master's degree and for the degree of Doctor of Philosophy see Bryn Mawr College Calendar, Graduate Courses, 1927.

work was planned to lead to a degree or not. The fellowship may be held at any centre of education that may be selected by the student and approved by the Faculty as best suited to her individual needs, or may, in special cases, be used as a travelling fellowship to give opportunity for the study of conditions in which the student may be interested in different parts of the world. The fellowship shall not necessarily be offered as an aid to study for a higher degree, but may be used by the holder, with the approval of the Faculty, in whatever way may best advance the purpose she has in mind. The fellowship shall be awarded to the best student, but if she can afford to carry out her plans with her own income she shall return the amount of the fellowship to the College to be used by another student in the same year.

Two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research of the value of \$810 are awarded annually for study at Bryn Mawr College on the ground of excellence in scholarship to candidates who have completed at least one year of graduate work at some college of good standing after obtaining their first degree.

Two Grace H. Dodge Memorial Fellowships in Social Economy for work in Industrial Relations of the value of \$810 may be awarded annually on the ground of excellence in scholarship to candidates who have completed at least one year of graduate work at some college of good standing after obtaining their first degree.

An Intercollegiate Community Service Association Joint Fellowship was established in 1915 and is offered annually by the Intercollegiate Community Service Association and by the Bryn Mawr College Alumnae Association to a Bryn Mawr College graduate or to a candidate who has successfully pursued one year's work in the Carola Woerishoffer Graduate Department who wishes to prepare herself for settlement or other types of social work. The value of the fellowship is \$800, \$200 of which is given by the College to meet the tuition fee. The holder of the fellowship may live in the College Settlement in Philadelphia, in which case the student must give her entire time to

the work of the Department of Social Economy, the practicum, carried on in the Settlement under the direction of the Head Worker and of the Director of the Department, occupying one-third of her time. The charge for board and lodging in the Settlement will not exceed \$7 a week. Applications may be made to the Chairman of the I. C. S. A. Committee on Fellowships, 105 East 22nd Street, New York City.

Two Carola Woerishoffer Memorial Scholarships in Social Economy, of the value of \$350 each, are awarded annually to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing.

Several Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations, of the value of \$350 each, may be awarded annually and are open for competition to graduates of Bryn Mawr College or of any other college of good standing.

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$350 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

Five graduate scholarships for foreign women of the value of \$1,000 each are offered annually for women outside the United States and Canada desiring to study in any department of Bryn Mawr College. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing. Renewal of these scholarships for a second year will not be granted except in

exceptional cases. The holders are required to be in continuous residence at the college and to follow regular approved courses of study. The scholars are not permitted to accept any paid position except as arranged by the College. A furnished single room in the graduate wing of one of the halls of residence is assigned to each scholar, but this is not available in the Christmas and Easter vacations when scholars who remain at the college have to pay the expenses of board and residence.*

The fellowships and scholarships are intended as an honour, and are awarded in recognition of previous attainments; generally speaking, they will be awarded to the candidates that have studied longest or to those whose work gives most promise of future success. Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the directors, receive the rank of Fellows by Courtesy.

*Duties of
Resident
Fellows.*

Fellows are expected to attend all college functions, including commencement exercises, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the halls of residence and in the seminaries; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to give loyal support to the Students' Association for Self-Government. They are required to reside in the college and are assigned rooms by the Secretary of the College. They are charged the usual fee of seven hundred and forty-three dollars and fifty cents for tuition, board, room-rent, laboratory, certificate athletic and infirmary fees.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded, and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

*Duties of
Resident
Scholars.*

Scholars are expected to reside in the college, to attend all college functions, including commencement exercises, to wear academic dress and to assist in the conduct of examinations. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates, and by letters of recommendation from professors, and should be addressed to the office of the President, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A., if possible by April the first, or in the case of French students they may be addressed to M. Petit Dutailis, Office Nationale des Universités et Ecoles Françaises, 96 Boulevard Raspail, Paris, and in the case of German students to Dr. Karl Friedrich, American German Student Exchange, Institute of International Education, 2 West 45th Street, New York City.

Application for resident fellowships and scholarships should be made as early as possible, and not later than the first of February preceding the academic year for which the fellowship or scholarship is desired. Application blanks will be sent on request. A definite answer will be given within three weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application will be returned when stamps for that purpose are enclosed, or specific directions for return by express are given. Letters or testimonials will be filed for reference.

*Applications
for Resident
Fellowships
and
Scholarships.*

Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.* Beginning in June 1930, it will be awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future.

The award will be made by the President of the College, acting as chairman, and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written, and two from allied or associated departments.

* From 1910 to 1928 the Memorial of Susan B. Anthony has been a graduate scholarship in social economy or politics awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. The form of the memorial has been changed to a prize with the consent of the surviving donor, Miss Lucy E. Anthony.

EXPENSES.

*Tuition for
Graduate
Students.**Expenses of Graduate Students.*

Tuition for the semester, payable on registration:	
For one hour* a week of lectures.....	\$18.00
For two hours a week of lectures.....	36.00
For three hours a week of lectures.....	48.00
For four or five hours a week of lectures.....	65.00
For six or more hours a week of lectures.....	100.00
Room-rent for the academic year, payable on registration.....	100.00
Board for the semester, payable on registration.....	200.00
<i>Summary of total expenses for the academic year:</i>	
Tuition fee, for six or more hours a week of lectures.....	200.00
Room-rent.....	100.00
Board.....	400.00
Infirmiry fee†.....	10.00
Certificate fee.....	10.00
Laboratory fees for the academic year.....	20.00
Athletic fee.....	3.50
Total for tuition, residence, laboratory, certificate, athletics, and infirmiry care for the academic year.....	\$743.50

The tuition fee for the semester becomes due as soon as the student is registered in the College office. No reduction of this fee will be made on account of absence, dismissal during the currency of the semester, term, or year covered by the fee in question or for any other reason whatsoever. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the College must register immediately at the Comptroller's office, and must register her courses at the President's office within two weeks after entrance under penalty of exclusion from the College. Any change made later in the courses registered must be reported immediately to the President's office, or the courses will not be permitted to count, and a charge of one dollar will be made for each change made in the course after it has been definitely registered.

*Laboratory
Fees.*

All graduate students, including Fellows and Scholars, taking two courses or a course which requires field or laboratory work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester, and may also be required to provide themselves with two 50-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each, and to meet their traveling and incidental expenses while working in the field during the semesters and vacations. An allowance not exceeding fifty dollars will be made to each Fellow and Scholar towards the field expenses during the semesters. The fee for the certificate is \$10, and all Fellows and Scholars are expected to complete work for a certificate and are charged the \$10 certificate fee.

The fee for laboratory courses in Applied Psychology, Education, and Educational Psychology for graduate students is \$6 a semester.

* The fees charged are reckoned on the basis of the actual hours of conference or lecture irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

† This fee entitles the student to two days (not necessarily consecutive) resident care in the Infirmary provided her illness is not infectious and to consultations with the College Physician during her office hours.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

Residence in the college buildings is optional except for holders of resident fellowships and scholarships. Those who do not reside in the College buildings are expected to make arrangements which are satisfactory to the College. A list of suitable places in the neighborhood where board may be obtained is available upon application to the College. No student may live in the Halls of Residence who does not register for a course or research work amounting to at least a two-hour lecture or seminary course, but those who wish to take five hours a week of lectures or less may live in the College halls on the understanding that they must give up their rooms if needed for students who are taking the full amount of graduate work and paying the regular tuition fee. Former students returning to write a dissertation or to do research work are required to register and to pay the minimum fee of eighteen dollars a semester if they wish to make use of the library and seminary rooms. In each hall of residence, except Merion Hall, a special wing or corridor is reserved for graduate students. Every student has a separate bedroom. Room-rent includes all expenses of furnishing, service, heating and light.

*Residence for
Graduate
Students.*

The demand for graduate rooms is very great, and since reserving a room unnecessarily may prevent some other student from entering the College, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the College in the year for which the room is reserved, the amount of the deposit is deducted from the first College bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the College.

The College reserves the right to exclude at any time and to cancel the fellowships or scholarships held by students whose conduct or academic standing renders them undesirable members of the College community, and in such cases the fees due or which may have been paid in advance to the College will not be refunded or remitted in whole or in part.

PROGRAMME I
SOCIAL CASE WORK IN FAMILY AND CHILD WELFARE AGENCIES

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Graduate Courses		Type of Positions open under listed agencies
	Advanced Undergraduate Courses		Organized Agencies conducting work in this field
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Sociology. Applied Sociology. Social Anthropology. Labour Movements.	Seminary in Social Case Work, including field work. Seminaries: (1) Social Origins, (2) Social Relations. Seminary in Social and Industrial Research. Seminary in Administration of Social Agencies.	Family Case Workers, School Visitors or Counselors.
Politics.	Present Political Problems.	Seminary: Temperament and Character and their Instinctive and Emotional Foundation. Seminary: (1) Mental Measurements, (2) Social Education, (3) Child Guidance.	Secretaries: Executive. District. Special Committees. Investigators.
Psychology.	Psychology: Social or Experimental. Psychology of Childhood. Mental Tests and Measurements.	Social Hygiene.	Public Schools. State, County and Municipal Welfare. Federal Children's Bureau. Mother's Pension Boards. Boards of Children's Guardians.
Biology.	Heredity and Eugenics. (Theoretical Biology.)		Children's Protective Agencies. Child Guidance Clinics. Vocational Service for Juniors.
Philosophy.	Elementary Ethics. History of Morality.	Seminary: Social and Political Philosophy.	Placement Agents and Supervisors.
History. English Composition. English Dictation.			

PROGRAMME II
SOCIAL CASE WORK IN AGENCIES FOR GUARDIANSHIP AND CUSTODY

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Sociology. Applied Sociology. Social Anthropology. Labour Movements.	Seminary: Social Case Work, including field work Seminaries: (1) Social Origins, (2) Social Relationships. Seminary in Administration of Social Agencies.	Administrators. Superintendents.
Politics.	Elements of Private Law.	Criminal Law. Criminal Procedure. Seminary: Municipal Government and Problems. Seminary: (1) Mental Measurements, (2) Child Guidance.	Investigators: Placing out Representatives. Field Workers. Probation Officers.
Psychology.	Experimental Psychology. Psychology of Childhood. Mental Tests and Measurements.	Seminary: Abnormal Psychology. (Psychological Seminary.) Social Hygiene. Seminary: Genetics.	Parole Officers. Advisers. Visitors.
Biology.	Heridity and Eugenics. (Theoretical Biology.)		Care of Women: Women's Courts. Domestic Relations Court Care of Delinquents and Feeble-minded.
Philosophy.			Travelers' Aid Society for Women and Girls. Legal Aid Societies.
History.	Elementary Ethics. History of Morality.		
English Composition. English Diction.			

PROGRAMME III
MEDICAL AND PSYCHIATRIC SOCIAL SERVICE
 (Specific preparation in this field is not offered at Bryn Mawr College.)

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Applied Sociology.	Seminary: Social Case Work, including field work. Seminary in Social and Industrial Research.	Public Health Departments: City Bureau of Chemistry. City Bureau of Bacteriology. Market Inspection. Street Inspection. Hospitals' Social Service. Psychiatric Social Work. Industrial Hygiene in Factories.
Politics.	Social Anthropology. Labour Movements.	Seminary: Municipal Government and Problems.	Housing Associations: National. Local.
Psychology.	Social Psychology. Applied Psychology: Mental Tests, Chemistry.	Seminary: Temperament and Character and their Instinctive and Emotional Foundations. Seminary: Mental Measurements.	Sanitary Survey. Bureaus of Sanitation. Anti-Tuberculosis Work.
Biology.	Biology. Physiology. <i>Hygiene, Personal and Public.</i> Heredity and Eugenics. (Theoretical Biology.) <i>Bacteriology.</i> <i>Anatomy.</i> <i>Biochemistry.</i>	Social Hygiene. <i>Education in Public Health.</i> <i>Industrial Hygiene.</i> <i>Dietetics.</i> <i>Sanitation.</i>	Milk and Baby Hygiene: Milk Inspection. Food Inspection. Social Hygiene Agencies. Sex Hygiene Agencies. School Medical Inspection Departments.
Philosophy.			
History.			
English Composition. English Dictation.			

PROGRAMME IV COMMUNITY WORK

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Graduate Courses		Organized Agencies conducting work in this field
	Advanced Undergraduate Courses	Type of Positions open under listed agencies	
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Applied Sociology. Social Anthropology. Labour Movements.	Administrators. Directors. Head Workers. Leaders. Secretaries. Supervisors. Teachers and Executive Assistants.	Public Schools. Civic and Social Centres. Community Centres. Community Service Associations. Neighbourhood Houses (Settlements). Recreation Centres. Playgrounds. Fathers' and Mothers' Clubs. Parent-Teachers' Associations. Labour Colleges. Girls' and Boys' Clubs. Work with Immigrants. National Playgrounds Association.
Politics.	Present Political Problems.		
Psychology.	Social Psychology. Psychology of Childhood.		
Philosophy.	Elementary Ethics. History of Morality.	Publicity Workers. Welfare Workers.	Young Women's Christian Association. National League of Girls' Clubs. Extension Lectures. Press Service Positions. Social Exhibits. Child Welfare. Baby Saving. Housing.
Biology.			
History.			
English Composition. English Diction.	Literature. Technique of the Drama.		

PROGRAMME V INDUSTRIAL RELATIONS

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD

Elementary Subjects: Required courses and major group at Bryn Mawr College	Graduate Courses		Type of Positions open under listed agencies	Organized Agencies conducting work in this field
	Advanced Undergraduate Courses			
Economics.	History of Economic Thought.	Seminary: Industrial Relations, involving field work.	Placement Secretaries.	Industrial Commissions and State Boards of Labour and Industry. Minimum Wage Commissions. Industrial Establishments. Health Insurance Company. Women's Trade Union League. Federal and State Employment Service. Placement Bureaus. Professional Bureaus. Training Departments in Corporation and Trade Schools Labour Colleges.
	Social and Economic Legislation in Great Britain and the United States since 1900. Literature of Socialism. Elements of Statistics.	Seminary: Social and Industrial Research. Seminary: Statistics.	Investigators. Supervisors	
	Applied Sociology. Social Anthropology. Labour Movements.	Seminaries: (1) Labour Organization, (2) Research in Labour Problems, (3) Research in Industrial Relations. Seminary: Industrial Revolution.	Executive Secretaries. Interviewers.	
	Economic and Industrial History. Social Psychology. Experimental Psychology.	Seminary: Constitutional Questions involved in present social and economic questions. Seminary: Applied Psychology, Mental Measurements.	Service and Educational Directors. Vocational Counsellors.	
Politics.			Factory Inspectors. Teachers.	
History.				
Psychology.				
Philosophy.				
Biology.				

PROGRAMME VI
SOCIAL AND INDUSTRIAL RESEARCH

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College		Advanced Undergraduate Courses	Graduate Courses
Economics.	History of Economic Thought. Elements of Statistics. Social and Economic Legislation in Great Britain and the United States since 1900. Applied Sociology. Social Anthropology. Labour Movements.	History of Economic Thought. Elements of Statistics. Social and Economic Legislation in Great Britain and the United States since 1900. Applied Sociology. Social Anthropology. Labour Movements.	Seminary: Social and Industrial Research and Interpretation of Social and Industrial Data. Seminars: (1) Social Origins, (2) Social Relations. Seminary: Industrial Revolution. Seminars: (1) Labour Organization, (2) Research in Labour Problems.
Politics.	Present Political Problems.	Present Political Problems.	Organizer of Material for Proposed Legislation. Enumerators. Investigators. Statisticians.
History.	History of Modern Europe. History of England.	History of Modern Europe. History of England.	Supervisors of Investigations. Directors of Research.
Psychology.	Social Psychology.	Social Psychology.	Publicity Workers. Propagandist Workers.
Philosophy.	Elementary Ethics. History of Morality.	Elementary Ethics. History of Morality.	Bureaus: Municipal Research. Social Research. Institute for Government Research. Surveys: City. Community. Rural. Trade Union.
Biology.	English Composition. English Dictation.	Mathematics.	

Organized Agencies conducting work in this field

Legislative Reference Libraries of Various States. Federal Departments of Labour: Bureau of Statistics. Children's Bureau. Women's Bureau.

State Boards of Labour and Industry.

Departments of Public Welfare.

Federal State. Municipal.

Trades Unions. Industries.

Consumers' League. American Labour Legislation Association.

Child Labour Committees.

Bureaus:

Municipal Research. Social Research. Institute for Government Research.

Surveys: City. Community. Rural. Trade Union.

Courses Offered in the Carola Woerishoffer Graduate Department.

The instruction in this department is under the direction of Dr. Susan Myra Kingsbury, Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research; Dr. Hornell Hart, Associate Professor of Social Economy; Miss Henrietta S. Additon, Non-resident Lecturer in Social Economy; Dr. Dorothy McDaniel Sells,* Associate in Social Economy; Dr. Alice Squires Cheyney, Lecturer in Social Economy; Dr. Alice Hamilton, Special Lecturer in Industrial Poisons; Mrs. Eva Whiting White, Special Lecturer in Community Organization; Dr. Lillian Moller Gilbreth, Special Lecturer in Social Economy; and a special lecturer in Social Hygiene.

The departments of Economics and Politics, Psychology, Education, and Philosophy offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells,* Associate in Economics and Politics; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba, Professor of Psychology; Dr. Clarence Errol Ferree,* Professor of Experimental Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Ilse Forest, Associate in Education, and Mr. Samuel Arthur King, Non-Resident Lecturer in English Diction.

Graduate Courses.

The following graduate seminars and courses may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research, or may be offered, with the approval of the Director of the Department, towards the degree of Doctor of Philosophy as

* Granted leave of absence for the year 1927-28.

the associated or independent minor, when the major is taken in certain other departments according to the regulations of the Academic Council.

Dr. Kingsbury offers in each year the following graduate seminary:

Seminary in Social and Industrial Research.

Three hours a week throughout the year.

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information, and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations, or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations, and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis, and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will enable students to secure social data by work in the field. The material is then organized, analyzed, and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results, and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students who have not taken a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see page 15). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Dr. Kingsbury offers in the years 1928-29 and 1930-31 the following graduate seminary:

Administration of Social Agencies.

Two hours a week throughout the year.

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student.

Dr. Kingsbury offers in 1929-30 and in 1931-32 the following graduate seminary:

Seminary in Statistics.

Two hours a week throughout the year.

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems, including a review of the outstanding contributions in the subject, and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed, and their applications in connection with further research indicated.

Dr. Hart offers in the years 1928-29 and 1930-31 the following graduate seminary:

Seminary in Social Relationships.

Two hours a week throughout the year.

Principles of social relationships will be worked out inductively through the study of actual group life. Applications of these principles will be developed through analysis of relationships within the family, relationships between delinquents and society, and relationships between races. Attention will be given to the problems of adjustment between the purposes of members of the family, of the white and colored races, and of native-born and foreign-born peoples. Collections of case studies in these fields will be analyzed and projects involving original research in this and allied fields will be undertaken.

Dr. Hart offers in the years 1929-30 and 1931-32 the following graduate seminary:

Seminary in Social Origins.

Two hours a week throughout the year.

Problems related to the nature of social progress and the methods whereby it can be achieved will be studied by members of the seminary. The course will begin with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York, or Washington. The natural laws of invention and of diffusion of culture will be studied inductively through the analysis of the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies will be worked out in specific instances. Various prognoses as to the future of our civilization will be reviewed in relation to the foregoing material, and principles essential to sound social reform will be developed.

Dr. Hart offers in each year the following graduate seminary:

Seminary in Research in Sociology.

Two hours a week throughout the year.

Dr. Sells* offers in each year the following graduate seminaries:

Seminary in Labour Organization.

Two hours a week throughout the year.

The object of the seminary is to discover the function of labour organization in modern industrial society. With this in view, the historical background, philosophy, structure, types, methods, legal status, and trends of American labour organization are considered. Especial attention is directed to a comparison of American and European labour movements, to collective bargaining in specific industries, to the struggle between craft and industrial unionism, and to the future development of unionism in America. Students interview trade union leaders and attend meetings of the Philadelphia Women's Trade Union League, the Central Labour Union, and other meetings or lectures which bear upon the subject.

Seminary in Research in Labour Organization.

Two hours a week throughout the year.

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

* See footnote on page 30. In the absence of Dr. Sells, her seminaries are offered by Dr. Cheyney.

**Dr. Hart offers in each year the following graduate seminary:
Seminary in Community Organization and Administration.**

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions, and research and propaganda agencies, will be the subject matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers will be invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of their work. Special attention will be given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work, and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. It must be preceded or accompanied by the seminary in Social Education—Essentials of Educational Theory and Practice for Social Workers—or its equivalent. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Hart and the director of the particular agency or department and is so arranged as to give to the student training during the academic year and the mid-winter and summer practica (see page 15) in some one or more of the following activities:

- (1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.
- (2) Regular daily management as assistants and later as directors.
- (3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts, and lectures, in public speaking and writing, and in conducting financial campaigns and special studies.
- (4) Teaching in night schools of classes in civics and elementary subjects, and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.
- (5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds, and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association, and work in smaller neighboring communities.

**Dr. Sells* offers each year the following graduate seminars:
Seminary in Industrial Relations.**

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

Consideration is given to the historical and economic development of modern industrial organization and to the problems which arise out of it, such as the types of internal organization; selection, training and placement of workers; methods of compensation; industrial hygiene and safety; scientific management; labour turnover; cycles of unemployment; budgeting, insurance and housing schemes. Each student directs particular attention to a single industry, points of difference being developed in the seminary. Field work during residence is accompanied by a two-hour discussion period alternate weeks on the practical problems confronting the student, and by observation visits to industrial establishments in the vicinity and a mid-winter and a summer practicum are arranged (see page 15).

This seminary must be accompanied by that in Labour Organization.

* See footnote on page 32.

Seminary in Research in Industrial Relations.

Two hours a week throughout the year.

To obtain first-hand information on specific industrial subjects is the object of the seminary. This is assisted by group discussions and reports, and conferences with the instructor. The seminary is open to advanced students with the approval of the instructor.

Miss Additon offers in each year the following graduate seminary:

Seminary in Social Case Work.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

This seminary aims toward the preparation of the student to handle the individual case problems arising out of dependency, defect and delinquency. It involves a study of the method of investigation of the individual case, the objectives and methods of treatment, the agencies, both public and private, for giving expert services, special forms of care and assistance and legal custody. Studies are made of the adaptation of fundamental principles of investigation and treatment to particular forms of social maladjustment and physical and mental defect. The student is instructed in the theories of social responsibility with reference to these classes, of preventive measures already in effect, and of opportunities to extend preventive measures.

The Practicum in Social Case Work consists of field work carried on 7 hours per week and a mid-winter and a summer practicum (see page 15) with such agencies as the following: The Philadelphia Society for Organizing Charity; The Home Service Department of the Red Cross; The Children's Bureau, an agency which investigates all complaints concerning children; The Children's Aid Society, a child-placing agency; The White-Williams Foundation, and Hospital Social Service Departments.

The field work with these agencies is under the supervision of Miss Additon and the director of the particular agency or department. In addition to the regular practice work, students are taken on observation trips to courts, almshouses, orphanages, asylums, institutions for the feeble-minded, the blind, the crippled, hospitals, etc.

The following courses are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Dr. Kingsbury offers in each year the following graduate course:

Social Statistics.

One hour a week throughout the year.

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions, and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing

devices, the array, frequency distributions, averages, index numbers, measures of association and variation, and the theory of probability and of errors.

No knowledge of mathematics beyond the usual college entrance requirement is presupposed. This course is required of all graduate students in the Department who have not had a satisfactory introductory course.

Mr. King offers in each year the following course in English Diction for graduate students:

General Course in Articulation and Voice Production.

One half hour a week throughout the year.

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

In each year the following course of lectures is open to students working in the department:

Social Hygiene.

One half hour a week during the second semester.

Dr. Kingsbury, Dr. Hart and Dr. Sells* conduct in each year the Social Economy Journal Club.

Social Economy Journal Club.

Two hours once a fortnight throughout the year.

Current books and articles are reviewed, recent reports, surveys and investigations are criticized, and the results of important research are presented for discussion.

Dr. Rogers offers in each year one of the following graduate seminars:

Seminary in Advanced Educational Psychology.

Two hours a week throughout the year.

The main problems of educational psychology, especially the psychology of school and high school subjects are studied from a theoretical and experimental point of view.

Seminary in Advanced Mental Measurements.

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement and to training in research in applied psychology.

Dr. Rogers, Dr. Forest and the Assistant Director of the Educational Clinic conduct in each year the following seminary:

Seminary in Clinical Methods in Child Guidance.

Three hours a week throughout the year.

This seminary gives training in the diagnosis of educational difficulties at all levels and of behavior difficulties of the nursery and elementary school child, also practical experience in giving remedial treatment as well as a critical study of the diagnosis and remedial methods now in use. The seminary is especially recommended to students preparing for work in child guidance clinics, for child welfare work and as visiting teachers.

* See footnote on page 30.

Dr. Forest will conduct in each alternate year the following graduate seminary:

**Seminary in Child Psychology.*

Two hours a week throughout the year.

This course offers graduate students the opportunity for the intensive study of the characteristic mental and emotional traits of growing children. Personality studies will be made at various age levels, and members of the class will be given some practical experience in remedial work with normal children who present behavior difficulties.

Dr. Forest offers in each year the following graduate seminars:

Seminary in Principles of Education.

Two hours a week throughout the year.

This seminary will be devoted to the study of modern educational theory, and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method, and school administration directly in line with the interests of individual students will be discussed in the seminary, and will in so far as possible determine the content of the theoretical readings in the philosophy of education.

Seminary in Social Education.

Two hours a week during the first semester.

Dr. Leuba offers in each year the following graduate seminars:

Psychological Seminary.

Two hours a week throughout the year.

As the foundation of the work of the seminary one or two of the following subjects will be chosen each year: the psychology of mental and moral deficiencies with reference to the social problems they present, including case studies and research work in problems of delinquency; social psychology; abnormal psychology and Freudian psychology; the fundamental principles of psychology.

Seminary in Social Psychology.

Two hours a week during the second semester.

In 1927-28 abnormal psychology, chiefly mental and moral deficiency, and its social implications: or temperament and character and their instinctive and emotional foundation, or the foundations of social psychology, will be studied.

In 1928-29 the introduction to social psychology and applications to social problems will be the subject of the seminary.

This half seminary, together with the half seminary in Social Education, given in the first semester, may be counted as a seminary by students in the Department of Social Economy and Social Research.

Dr. Marion Parris Smith offers in each year the following graduate seminary:

Economic Seminary.

Two hours a week throughout the year.

The object of the seminary is to train students in the methods of research, and in the organization of material. In short reports and long papers members of the seminary are given practice in using original sources and in a critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction, and graduate studies are specially designed to prepare advanced students for Government Civil Service Examinations in the Department of State, Department of Commerce, and the Department of Labor, as well as for higher degrees.

In 1927-28 the Industrial Revolution in Great Britain and Europe.

*This course will be alternated with the seminary in Principles of Education unless there is a special demand for both.

In 1928-29 Economic Institutions in the United States; Finance and Banking, Agriculture, Manufacture, Commerce, etc

In 1929-30 Economic Thought in the 19th Century.

Dr. Fenwick offers in each year the following graduate seminary:

Political Seminary.

Three hours a week throughout the year.

The methods of instruction in the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

In 1927-28 Constitutional Questions involved in Modern Economic and Social Problems will be the subject of the seminary. The chief economic and social problems of the United States are studied from the point of view of the restrictions placed by the Constitution upon the legislative powers of Congress and of the several states dealing with those subjects. As an introduction the various theories relating to the proper functions of the state are discussed.

In 1928-29 the Constitutional Law of the United States will be the subject of the seminary. The decisions of the Supreme Court of the United States form the basis of the work. Special stress is laid upon the relations between the federal and state governments, interstate commerce, and due process of law under the Fourteenth Amendment. Students are required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

In 1929-30 Comparative Constitutional Government will be the subject of the seminary. The object is to compare and contrast the several forms of constitutional government represented by the United States, Great Britain, France and Germany, together with a study of the new constitutional governments of Russia, Czecho-Slovakia, Poland and other states. Among the questions raised are the location of sovereign power, the authority of the constitution, the restrictions placed by the constitution upon the governing bodies, and the protection afforded by the constitution to the rights of individuals and minorities.

Dr. Wells* offers in each year the following graduate seminary:

Seminary in Politics.

Two hours a week throughout the year.

In 1927-28, the subject of the seminary is the History of Political Thought. An endeavor is made to cover the principal writers in this field from Plato to the present time. Because of the scope of the seminary, the primary emphasis is placed upon an extensive reading of the works of political philosophers, class discussion of these works, and supplementary lectures by the instructor. Special reports and research projects are undertaken to a limited extent.

In 1928-29, the seminary will deal with municipal government and administration.

The following advanced undergraduate courses are offered by the Carola Woerishoffer Graduate Department:

Dr. Kingsbury offers in each year the following free elective course:

Elements of Statistics.

One hour a week throughout the year.

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, averages, measures of variation, theory of sampling,

* See footnote on page 30. In the absence of Dr. Wells, his graduate seminars are offered by Professor Dickinson.

index numbers, graphic methods, comparisons, and the elements of linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations, and to social organizations.

The course is especially recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirement for matriculation is required.

Dr. Hart offers in each year the following free elective courses, open to graduate students:

Applied Sociology.

Two hours a week throughout the year.

A basic theory of social motivation and of the relationships between human purposes, will be developed inductively from case studies. This theory will be applied to problems which arise from living in social relationships—in the family, the neighborhood, the school, the place of employment, the church, the state, and so forth. The conclusions arrived at will be compared with the positions taken by leading sociologists and students of social problems. A course in social science is prerequisite for this course.

Social Anthropology.

Three hours a week throughout the year.

The status of culture at various prehistoric times, ancient times and modern times, will be compared, and the relative rates of culture acquisition in various epochs ascertained. Instances of swift rise and of decline in culture will be studied, and inductive analysis of inventions will be made, differences in the rates of diffusion—of various sorts of culture elements at given times and of given culture elements at various times and places—will be examined, and the cultures of modern primitive peoples and of the pre-Columbian civilizations in America will be studied with a view to determining the conditions under which culture originates, grows, is transmitted and decays. A course in social science is prerequisite for this course.

Dr. Sells* offers in each year the following free elective course, open to graduate students:

Labour Movements.

Three hours a week throughout the year.

For purposes of this course the field of labour economy is divided into six parts: I. *The Approach* deals with the different economic points of view from which the subject may be considered, especially those of the "scientific" and of the "functional" economists. II. *The Rise of the Present Industrial Organization* is developed through a study of the history of certain industries such as glass making, cloth making, steel manufacture, shoe making, mining, fishing, etc. III. *Labour Organization* includes a study of the American Federation of Labour, its history, structure, methods and motives; of independent organizations such as the Industrial Workers of the World, the Railway Brotherhoods, etc.; of the British labour movement; and of the continental labour movements in brief. IV. *Labour Legislation* includes a social insurance, safety and wage legislation. V. *Labour Management* treats of such problems as fluctuations in employment, labour turnover, business cycles, regulation of output; and of such methods as scientific management, personnel work, employee representation, budgeting, and kindred subjects. VI. *Labour and Politics* outlines the political ideas upon which various forms of industrial organization are based, attempts to evaluate existing labour institutions in terms of social function; examines proposed methods of attaining a more satisfactory state of society such as the various "Utopias," Marxian socialism, guild socialism, communism, state control of industry; and considers the future of industrial society.

Dr. Marion Parris Smith offers in each year the following post-major courses, open to graduate students:

* See footnote on page 32.

In 1927-28 and again in 1929-30, *The Literature of Socialism.*

Three hours a week throughout the year.

In 1928-29, *Social and Economic Legislation in Great Britain and the United States since 1900.*

Three hours a week throughout the year.

The object of these courses is to give advanced students training in the use of source material in economic and social studies, and in the methods of study useful in graduate or professional work. A few lectures introduce each course, but the main work consists in studies on special problems presented to the class for discussion, and in individual reading supplemented by conferences.

Dr. Marion Parris Smith offers in each year the following major course, open to graduate students:

History of Economic Thought and Recent Economic Problems.

Five hours a week throughout the second semester.

The object of this course is to trace the history of secular thinking on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labour, the causes of poverty, theories of value and price.

An historical survey occupying about half the semester leads to a study of some of the most pressing economic problems of our day.

The students are expected to do extensive reading and to write a number of short papers on their reading. In each epoch studied the students are given a choice of topics for their papers with the hope that an opportunity may be afforded for intensive reading along lines of special interest.

Dr. Fenwick offers in each year the following major course, open to graduate students:

Present Political Problems.

Five hours a week during the first semester.

The object of this course is to present the chief political problems that have arisen in recent years. The study of practical problems is preceded by a study of theories relating to the origin and nature of the state, its end or object, and the proper sphere of state activities, under which last heading the various theories of individualism, liberalism and socialism will be studied. Modern reforms in federal, state, and city government are next studied, and particular stress is laid upon the extension of federal power in the United States and the relation between the Fourteenth Amendment and modern social and economic legislation adopted in the exercise of the police powers of the several states.

Dr. Fenwick offers in each year the following free elective course, open to graduate students:

Elements of Law.

One hour a week throughout the year.

The object of the course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The subjects covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property, and the chief forms of Procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

Dr. Wells* offers in each year the following post-major course, open to graduate students:

Municipal Institutions.

Two hours a week throughout the year.

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the his-

* See footnote on page 37.

torical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

The following undergraduate courses in other departments of especial value in preparation for professional work in Social Economy are recommended to students of Social Economy:

Dr. Ferree* offers in each year the following minor course:

Experimental Psychology.

Five hours a week during the first semester.

Laboratory Work.

Four hours a week during the first semester.

(Open only to those students who have taken the required course in psychology or its equivalent.)

The lectures constitute an abbreviated course in systematic psychology in which the historical, critical, and theoretical features of the subjects covered are discussed and the experimental features demonstrated. Especial stress is laid on the comparative study of method. The laboratory work consists of individual practice in selected topics.

Dr. Theodore de Laguna offers in each year the following courses open to graduate students:

Elementary Ethics.

Three hours a week during the first semester.

The classical theories of the subject, such as Stoicism and Epicureanism, are briefly treated, emphasis being laid less upon the abstract issues involved than upon the rival "ways of life." The modern evolutionary theory of morals is studied at greater length.

Social Philosophy.

Two hours a week during the first semester.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems, or their equivalents.)

This course is a study of the philosophical ideas that have been connected with the rise of modern democracy and nationalism. The more important theories of the nature of the state, and of the relation of the state to other forms of social union, will be discussed; also certain more special questions related to the theory of punishment.

Dr. Grace de Laguna offers in each year the following minor course, open to graduate students:

History of Morality.

Two hours a week during the first semester.

This course treats of the development of moral ideals and obligations from primitive to civilized conditions. Especial attention is given to the moral standards connected with marriage and the position of women. The relation of morality to magic and taboo, as well as to polytheistic and monotheistic religion, is studied, and also the interaction between economic conditions and moral standards.

Dr. Leuba offers in each year the following major course, open to graduate students:

Social Psychology: Introduction to Social Psychology and the Psychology of Group Life.

Five hours a week during the first semester.

* See footnote on page 32.

Dr. Rogers gives in each year the following undergraduate courses, open to graduate students:

Educational Psychology.

Three hours a week throughout the year.

This course provides the psychological basis for educational theory and practice, including the psychology of elementary and high school subjects.

Mental Tests and Measurements. *Five hours a week during the second semester.*

Laboratory Work.

Four hours a week during the second semester.

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.) and of achievements.

The course is open to students who have attended the minor course in experimental psychology or its equivalent.

Dr. Forest offers in each year the following undergraduate courses open to graduate students:

Child Psychology.

Three hours a week throughout the year.

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education.

Two hours a week throughout the year.

This course presents a study of the principles underlying the educative process. It includes such topics as (1) the relation of the school to the community, (2) a critical consideration of the methods of teaching, (3) the determination of what should be taught in schools and (4) how they should be organized and administered.

Degrees and Certificates Conferred in the Carola
Woerishoffer Graduate Department of Social
Economy and Social Research
1915-1927

Doctor of Philosophy of Bryn Mawr College

BYRNES, AGNES MARY HADDEN Social and Industrial Research	ORMSBEE, HAZEL GRANT Social Case Work
HUGHES, GWENDOLYN SALISBURY Social and Industrial Research	WATSON, AMEY EATON Social Case Work

Two Year Certificate in Social Economy

AHLERS, HARRIET HOWE Industrial Relations	MACMASTER, AMY KELLOGG Community Organization
BARNES, HELENA MYRL Community Organization	MEREDITH, LOIS ANGELINE Social Case Work
BAXTER, GEORGIA LOUISE Social Case Work	MORRISON, ANNE HENDRY Community Organization
CHEYNEY, ALICE SQUIRES Social and Industrial Research	NEELY, TWILA EMMA Industrial Relations
COPENHAVER, ELEANOR Community Organization	NETERER, INEZ MAY Community Organization
DAVIES, JANE STODDER Community Organization	SHIELDS, WILMER Social and Industrial Research
DONG, NYOK ZOE Community Organization	SMALTZ, REBECCA GLOVER Industrial Relations
ELLIOTT, MABEL AGNES Social and Industrial Research	SNELL, JULIA CHARLOTTE Social and Industrial Research
FEDER, LEAH HANNAH Social Case Work	SPALDING, HELEN ELIZABETH Social Case Work
FULLER, HELEN GENEVIEVE Social Case Work	TETLOW, FRANCES HOWARD Industrial Relations
HALL, BESSIE LOUISE Social Case Work	WILDE, CONSTANCE ELIZABETH MARY Industrial Relations
HIBBARD, HELEN RUTH Community Organization	WOODS, AGNES STERRETT Community Organization

Master of Arts of Bryn Mawr College

DULLES, ELEANOR LANSING Industrial Relations	KENYON, ADRIENNE Community Organization
HARRIS, HELEN MARIE Community Organization	SHIELDS, WILMER Social and Industrial Research
HILL, CATHARINE UTLEY Social and Industrial Research	SMALTZ, REBECCA GLOVER Industrial Relations
HUNT, ELIZABETH PINNEY Social and Industrial Research	SPALDING, HELEN ELIZABETH Social Case Work
JACOBS, MILDRED CLARK Social Case Work	WALLACE, ISABEL KING Industrial Relations

WESTON, DOROTHY VIVIAN
Community Organization

One Year Certificate in Social Economy

- | | |
|--|--|
| BARRINGER, FLORA McIVER
Social Case Work | FROST, WINIFRED LILIAN
Industrial Relations |
| BEARD, BELLE BOONE
Social and Industrial Research | FULK, LUCILLE
Industrial Relations |
| BELL, KATHARINE RAYNOLDS
Industrial Relations | GALSTER, AUGUSTA EMILE
Industrial Relations |
| BELL, MARY SLOAN
Social and Industrial Research | GANTENBEIN, MARY ELLEN
Community Organization |
| BERTCH, DOROTHY MAXWELL
Community Organization | GAYFORD, MURIEL JANET
Industrial Relations |
| BUTLER, CLARE WILHELMINA
Social Case Work | GIFFORD, HELEN WING
Industrial Relations |
| BUTLER, ELSA MAY
Social Case Work and Social and
Industrial Research | GOODHUE, MARY BROOKS
Industrial Relations |
| CAMPBELL, PERSIA CRAWFORD
Social and Industrial Research | GUYOT, JOSEPHINE
Industrial Relations |
| CERS, EDNA
Social and Industrial Research | HARMAN, MINNIE ETTA
Community Organization |
| CHALKLEY, LYSSA DESHA
Social Case Work | HATHEWAY, GRACE
Industrial Relations |
| CHALUFOR, FRANCE MARIE
ALICE
Industrial Relations | HAUPT, ISTAR ALIDA
Student in Psychology |
| CHAPMAN, FRANCES STEVENSON
Social Case Work | HAYS, ELIZABETH
Industrial Relations |
| CHAPMAN, RUTH EMILY
Community Organization | HEIPP, ELSIE
Industrial Relations |
| DANIEL, FRIEDA OPAL
Social and Industrial Research | HENDRICKS, MARJORY EVEREST
Industrial Relations |
| DARR, MARJORIE
Community Organization | HIBBARD, RUTH
Industrial Relations |
| DE BOBULA, IDA
Industrial Relations | HINDS, ETHEL
Social Case Work |
| DURFEE, MARY ELIZABETH
Industrial Relations | HUNT, ELIZABETH PINNEY
Social and Industrial Research |
| DURGIN, MARGARET ETHEL
Industrial Relations | HUNTINGTON, EMILY HARRIET
Industrial Relations |
| EVANS, ELIZABETH
Social Case Work | JOHNSON, BARBARA LEE
Community Organization |
| EWART, ELIZABETH
Industrial Relations | KUHN, ADA RUTH
Social and Industrial Research |
| FAIRCHILD, MILDRED
Social and Industrial Research | KYDD, MARY WINNIFRED
Social Theory |
| FAST, LISETTE EMERY
Industrial Relations | LAYMAN, DOROTHY REID
Social Case Work |
| FELTS, JOSEPHINE NOYES
Social Case Work | LETSCHKE, MARY HENRIETTA
Industrial Relations |
| FINLEY, GAIL
Industrial Relations | LONEGREN, IRMA CAROLINE
Social Case Work |
| | MAHN, KATHRYN LUCILLE
Industrial Relations |

- MARTIN, NAN MUIR
Industrial Relations
- McKAY, EVELYN CHRISTIANA
Industrial Relations
- MILES, WINIFRED CHARLOTTE
Industrial Relations
- MILLER, EDITH M.
Community Organization
- MONROE, MARGARET MONTAGUE
Social Case Work
- NASON, ARDIS
Industrial Relations
- PALMER, GLADYS LOUISE
Industrial Relations
- PIERROT, HENRIETTE
Social Case Work
- PIRIE, ALICE MAY
Industrial Relations
- PORTER, ELIZABETH LANE
Community Organization
- PRICE, EDITH MAY
Social Case Work
- PRICE, FANNY EMOGENE
Community Organization
- REINHOLD, ROSEMARY DOROTHY
Community Organization
- RESS, EVA
Industrial Relations
- ROBBINS, RHODA
Community Organization
- RODNEY, MARY EMILY
Community Organization
- ROSS, HELEN
Industrial Relations
- SCHERMERHORN, HELEN IVES
Community Organization
- SCHMIDT, GERTRUDE
Industrial Relations
- SCHOENFELD, MARGARET HERTHA
Industrial Relations
- SHACKELFORD, PEMALA
Industrial Relations
- SHANEK, BERTHA
Industrial Relations
- SMILOVITZ, RACHEL LILIAN
Industrial Relations
- SNIDER, MARGUERITE LYONS
Community Organization
- SORBETS, MARGUERITE
Industrial Relations
- SPENCE, VIRGINIA WENDEL
Industrial Relations
- STEVENSON, MARGARETTA PRICE
Community Organization
- SUMNER, MARY CLAYTON
Social Case Work
- TATTERSHALL, LOUISE MAY
Industrial Relations
- TUTTLE, LORNA MAY
Industrial Relations
- WÄLDER, EMMI
Industrial Relations
- WILLARD, MILDRED McCREARY
Student in Psychology
- WILLIAMS, ADA GRISWOLD
Social Case Work
- WILLIAMS, GRACE EDITH
Industrial Relations
- WITMER, HELEN LELAND
Social Case Work
- ZRUST, JOSEPHINE LUCILLE
Community Organization

Special War Emergency Certificate in Industrial Relations

- BELL, KATHARINE RAYNOLDS
- BOALT, MARION GRISWOLD
- BORNGESSER, MARIE LOUISE
- BUNTON, GEORGIANA
- BUSE, ALPHA BEATRICE
- COOK, HELEN ADELIA
- CORSTVET, EMMA GRETCHEN
- DAVIDSON, HELEN ROWENA
- DINSMORE, MARY
- FRANKFURTER, ESTELLE
- HERRING, HARRIET LAURA
- KRANZ, CAROLYN MATILDA
- KROH, MABEL MAY
- LIGHT, NAOMI
- MASON, FLORENCE REYNOLDS
- McCAUSLAND, CATHERINE
- McDOWELL, DOROTHY ELEANOR
- MOREHOUSE, BERTHA
- NISSON, ESTELLE
- OPP, HELEN SCHUYLER
- OWENS, JEANETTE CAROLINE
- PADDOCK, LAURA BELL
- PANCOAST, ELINOR
- SCHAUFFLER, MARY CHRISTINE
- STADLER, EVELYN
- STELLE, KATHARINE BEATRICE
- STILES, HALLIE ULA
- WHITE, JEANETTE OLIVIA
- WOOD, MARGARET THOMPSON
- WELLS

*Former Students Who Have Satisfactorily Completed at Least
Two Seminaries in Social Economy*

BIBROVA, MARIE	PEW, ETHEL
BROWN, ANNA HAINES	SCHOELL, MARIE
FISK, CHARLOTTE	SMITH, GERALDINE FRANCES
HUSTON, ROSE	STRAUSS, LILLIAN LASER
NEWKIRK, ALICE MAYNARD FIELD	WHITE, LEDA FLORENCE
WOODRUFF, RUTH JACKSON	

Students in the Carola Woerishoffer Graduate Department of Social Economy and Social Research who have received an Advanced Degree or a Cer- tificate from Bryn Mawr College—1915-1927

AHLERS, HARRIET HOWE.....Cedar Grove, Me.
Grace H. Dodge Fellow in Social Economy and Social Research, 1924-26.
Two year certificate, 1926. Intercollegiate Service Association
Fellow, 1926-27.

Academic Training: A.B., University of Minnesota, 1915; Student, Chicago School of
Civics and Philanthropy, summer, 1917; University of Minnesota, 1919-20.
Positions, 1915-24: Teacher of English, Technical High School, St. Cloud, Minn., 1915-19;
Worker, A. R. C., France, five months, 1919; Director of Women's Work, Bureau of
Adult Education, Hartford, Conn., 1920-24.
Practicum: Juvenile Division, New York State Employment Service; Plimpton Press,
Norwood, Mass.
Positions, 1927—: Tutor in English, Bryn Mawr Summer School for Women Workers in
Industry, Bryn Mawr, 1927; Reader in Psychology, and Demonstrator in Educational
Measurements, Bryn Mawr College, 1927-28.

BACON, MRS. CHARLES J. (see Guyot, Josephine).

BARNES, HELENA MYRL.....6 Chatham Street, Worcester, Mass.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1922-23; Intercollegiate Community Service Association Fellow,
1923-24. Two year certificate, 1924.

Academic Training: B.S., Elmira College, 1922.
Practicum: College Settlement, Philadelphia.
Positions, 1924—: Investigator, Children's Code Commission, Philadelphia, 1924; Indus-
trial Secretary, Y. W. C. A., Buffalo, N. Y., 1924-27; Worcester, Mass., 1927—.

BARRINGER, FLORA McIVER.....Box 213, Florence, S. C.
Graduate Student in Social Economy and Social Research, 1922-23.
One year certificate, 1923.

Academic Training: A.B., Converse College, 1922.
Practicum: Society for Organizing Charity, Philadelphia.
Positions, 1923—: Teacher, Public Schools, Florence, S. C., 1923-25; Substitute Teacher,
1925—; Secretary, Hotel Florence, 1925-27.

BAXTER, GEORGIA LOUISE.....140 East 46th Street, New York City
Carola Woerishoffer Fellow in Social Economy and Social Research,
1917-19. Two year certificate, 1919.

Academic Training: A.B., University of Denver, 1914; M.A., University of California,
1917; American Scandinavian Foundation Fellow, University of Stockholm, 1921-22.
Position, 1914-15: Teacher, State Industrial School for Girls, Morrison, Colo.
Practicum: Bureau of Statistics, Municipal Court, Philadelphia.
Positions, 1919—: Research Secretary, Consumers' League of Eastern Pennsylvania,
1919-21; Research Assistant, Chase National Bank, New York City, 1922-25; Research
Associate with Research Committee on Latin America, Columbia University, 1925—.

BEARD, BELLE BOONE.....Boone Mill, Va.
Graduate Student in Social Economy and Social Research, 1926-27;
Carola Woerishoffer Fellow in Social Economy and Social Research,
1927-28.

Academic Training: A.B., Lynchburg College, 1923.
Positions, 1923-25: Teacher, High School, Bluefield, Va., 1923-24; Field Secretary,
Lynchburg College, 1924-25.
Practicum: Bryn Mawr Community Center; University Settlement, Philadelphia; Child
Guidance Clinic, Philadelphia; Bates House, Long Branch, N. J.
Position, 1925-27: Research Assistant, Carola Woerishoffer Graduate Department.

BELL, KATHARINE RAYNOLDS (Mrs. William C. McCoy)
17416 Winslow Road, Cleveland, Ohio
Non-Resident Scholar in Social Economy and Social Research, 1917-18;
Scholar in Social Economy, June, 1918-February, 1919. One
year certificate and Special War Emergency Certificate, 1919.

Academic Training: A.B., Cornell University, 1917.

Practicum: Bryn Mawr Community Center; The McElwain Shoe Manufacturing Company, Manchester, N. H.; The United States Cartridge Company, Lowell, Mass.; General Electric Company, Lynn, Mass.; The Midvale Steel and Ordnance Company, Philadelphia.

Positions, 1919-22: Assistant in employment of office women, Goodrich Rubber Company, Akron, Ohio, 1919-20; Assistant in charge of Employment of Women, Goodyear Tire and Rubber Company, Akron, 1920-22.

BELL, MARY SLOAN.....Huron, S. D.
Grace H. Dodge Fellow in Social Economy and Social Research, 1925-26.

Academic Training: A.B., Huron College, 1914; M.A., University of California, 1923; Fellow in Education, Bryn Mawr College, 1926-27.

Positions, 1914-25: Teacher, High School, Sisseton, S. D., 1914-17; Big Timber, Mont., 1917-19; Huron College, 1919-20; Dean of Women, Huron College, 1920-22 and 1923-25.

Positions, 1926—: Dean of Women, Huron College, 1926—.

BERTCH, DOROTHY MAXWELL.....229 South 5th Street, Reading, Pa.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1921-22. One year certificate, 1922.

Academic Training: A.B., Miami University, 1921.

Practicum: Bryn Mawr Community Center.

Positions, 1922—: Assistant Girls' Club Worker, East Side House, New York City, 1922-24; Girls' Club Worker, St. Martha's House, Philadelphia, 1924-27; Director, Junior League House, Reading, Pa., 1927—.

BOALT, MARION GRISWOLD.....26 Cortland Street, Norwalk, Ohio
Scholar in Social Economy and Social Research, June, 1918-February,
1919; Special War Emergency Certificate, 1919.

Academic Training: Mount Holyoke College, 1900-03; A.B., Lake Erie College, 1904; Teachers College, 1914-15, and summer, 1915; University of Chicago, summer quarter, 1917; Western Reserve University, 1922-24.

Positions, 1904-18: Teacher, Lake Erie College, 1904-05; Wells College, 1905-11, and Mills College, 1911-18.

Practicum: The Dennison Manufacturing Company, Framingham, Mass.; Joseph & Feiss Company, Cleveland, Ohio; The United States Employment Service, Philadelphia.

Positions, 1919—: Worker in Employment Department, Lindner Company, Cleveland, Ohio, 1919; Field Supervisor of Employment, Y. W. C. A., Chicago, Ill., 1919-20; Employment Secretary, Y. W. C. A., Columbia, S. C., 1921; Visitor, Associated Charities, Cleveland, Ohio, 1922-27; Visitor and Placing Agent, Children's Home, Oberlin, Ohio, 1927—.

BORNGESSER, MARIE LOUISE.....D'ed, 1919
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: B.S., University of Pennsylvania, 1918; University of Chicago, September-December, 1918.

Positions, 1913-18: Saleswoman, 1913; Assistant Housemother, St. Stephen's Farm, summers, 1914 and 1915; Playground Worker, Friends Neighborhood Guild, Philadelphia, summer, 1917; Recreation Secretary, Y. W. C. A., Philadelphia, summer, 1918.

Practicum: The American International Shipbuilding Company, Hog Island, Philadelphia.

BRADLEY, MRS. ELMER ELLSWORTH (see Snell, Julia Charlotte).

BUNTON, GEORGIANNA (Mrs. Robert Montgomery)
946 Lafayette Avenue, Niagara Falls, N. Y.
Scholar in Social Economy and Social Research, June, 1918-February,
1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Northwestern University, 1910.

Practicum: The Dennison Manufacturing Company, Framingham, Mass.; Bryn Mawr Community Center; Barrett Manufacturing Company, Philadelphia.

Position, 1919: Investigator for Industrial Commission, Y. W. C. A., New York City.

BUSE, ALPHA BEATRICE.....Ginling College, Nanking, China
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: B.S., University of Montana, 1916; Graduate Student, London School of Economics, 1922-23.

Position, 1917-18: War Department, Division of Military Aeronautics, Washington, D. C.

Practicum: The Winchester Repeating Arms Company, New Haven, Conn.

Positions, 1919-17: Industrial Investigator, Czecho-Slovakia Survey for the Government, Y. W. C. A., Prague, 1919; Industrial Supervisor, Y. W. C. A., Paris, France, 1920-21; Circulation Manager, *Woman's Press*, New York City, 1921-22; Journalist, *The Survey*, New York City, 1923-25; Instructor of English, Ginling College, Nanking, China, 1925—.

BUTLER, CLARE WILHELMINA.....City Club, Elk Street, Albany, N. Y.
Robert G. Valentine Scholar in Social Economy and Social Research, 1917-18. One year certificate, 1918.

Academic Training: A.B., Vassar College, 1909.

Positions, 1909-17: Instructor of Mathematics and Science, Lindenwood College, St. Charles, Mo., 1909-10; Graduate Nurse, Massachusetts General Hospital, Boston, December, 1915; Registered Nurse, Massachusetts, 1917, New York, 1923; Medical Social Worker, Massachusetts Charitable Eye and Ear Infirmary, Boston, January, 1916-June, 1917.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1918-: Psychiatric Social Worker, Psychopathic Hospital, Boston, 1918-22; Nurse, Phillips House, Boston, summer, 1922; Psychiatric Social Worker on New York County Jail Survey, National Committee for Mental Hygiene, New York City, 1922; Investigator, U. S. Coal Commission, Washington, D. C.; Research Worker, Committee on Dispensary Development, New York City, 1923-24; Worker on Case-finding Survey, Worker, Personnel Bureau, Society for Organizing Charity, 1925—; Acting Director, Pennsylvania Tuberculosis Society, Fayette County, Pa., 1924-25; Research Worker, Personnel Bureau, Society for Organizing Charity, 1925; Acting Director, Social Service Department of Polyclinic Hospital, New York City, summer, 1926; Psychiatric Social Worker, East Chester Neighborhood Association, Westchester County, N. Y., 1926; Research Worker, New York State Department of Health, Albany, N. Y., 1927—.

BUTLER, ELSA MAY (Mrs. Elsa Butler Grove)
 540 West 123rd Street, New York City
Carola Woerishoffer Fellow in Social Economy and Social Research, 1915-16. One year certificate, 1916.

Academic Training: A.B., Vassar College, 1905; A.M., Washington University, 1914; Columbia University, 1925—, Vassar Alumnae Fellow, 1926-27.

Positions, 1905-16: Teacher, High School, Neligh, Nebr., 1905-06; Akeley Hall, Grand Haven, Mich., 1906-08; Hosmer Hall, St. Louis, Mo., 1908-12; Assistant Head Worker, Social Service Department, Children's Hospital, St. Louis, Mo., 1912-15.

Positions, 1916-: Head Worker, Social Service Department, Hahnemann Hospital, Philadelphia, 1916-18; Extension Course Lecturer on "Hospital Social Service," Pennsylvania School for Social Service, Philadelphia, 1916-18; Field Director of the State of Missouri, Bureau of Civilian Relief, Southwest Division, A. R. C., 1918; Director, Home Service Institute, A. R. C., St. Lawrence County, New York, July, 1918; Assistant Professor of Social Economics, Vassar Training Camp for Nurses, August-September, 1918; Executive Secretary of the Polish Gray Samaritan Training School, War Work Council, Y. W. C. A., 1918-19; Executive Vassar Unit, Verdun, France, 1919-20; Director of Social Welfare in Baltic States, A. R. C., 1921-22; Executive Secretary, Vassar Club, New York City, 1922-23; Associate Director, Smith College Training School for Social Work, and Assistant Professor of Sociology and Economics, Smith College, 1923-25; Lecturer in Social Science, Teacher's College, Columbia University, Summer, 1926; 1926-28.

BYRNES, AGNES MARY HADDEN..279 Lexington Avenue, New York City
Susan B. Anthony Scholar in Social Economy and Politics, 1916-17; Carola Woerishoffer Fellow in Social Economy and Social Research, 1917-18. Doctor of Philosophy, 1920.

Academic Training: A.B., Northwestern University, 1915; A.M., Columbia University, 1916; Ph.D., Bryn Mawr College 1920.

Positions, 1918-: Statistical Tabular Critic, United States War Trade Board, Washington, D. C., 1918; Instructor and Assistant Professor of Social Research, Margaret Morrison Carnegie College, Carnegie Institute of Technology, Pittsburgh, Pa., 1918-24; Expert Economic Analyst, Children's Bureau, Washington, D. C., 1925-27; Instructor of Economics, Hunter College, 1925—.

CAMPBELL, PERSIA CRAWFORD

"Arellie," 46 Prospect Road, Summer Hill, Sydney, Australia
British Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., Sydney University, 1917; M.A., 1919; M.Sc., London School of Economics, 1922; Travelling Scholar of Sydney University, 1920-23.

Positions, 1919-22: Lecturer in W. E. A., Sydney, 1919-20; Teacher, Presbyterian Ladies' College, Sydney, 1919-20; Administrative Officer, Agency General for New South Wales, London, June-September, 1922.

Position, 1923-: Member of Staff, Geo. Robertson Publishing Company, Sydney, Australia, 1924—.

CARY, MRS. RICHARD LUCIUS (see Goodhue, Mary Brooks).

CERS, EDNA.....2011 Eye Street, Washington, D. C.
Susan B. Anthony Scholar in Social Economy and Politics, 1921-22. One year certificate, 1922.

Academic Training: A.B., Radcliffe College, 1921; Fellow in Economics, Bryn Mawr College, 1922-23; Gilder Research Fellow, Columbia University, 1923-24; Fellow, Robert Brookings Graduate School of Economics and Government, 1924-25.

Positions, 1925-: Field Agent, Children's Bureau, U. S. Department of Labor, Washington, D. C., 1925; Executive Secretary, Consumers' League of the District of Columbia, 1925-26; Research Assistant, U. S. Chamber of Commerce, Washington, D. C., 1926—.

CHALKLEY, LYSSA DESHA (Mrs. Ernest Harper)

6 College Grove, Kalamazoo, Mich.
American Red Cross Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: Ph.B., University of Chicago, 1920.

Practicum: American Red Cross, Philadelphia; Society for Organizing Charity, Philadelphia.

Position, 1922: Teacher of English, Episcopal School for Girls, Versailles, Ky., 1922-23; Worker in Clinics, Child Welfare League, Kalamazoo, Mich., 1924-25; Assistant to Visiting Teacher, Public Schools, 1927; Teacher of English, Kalamazoo College, 1927—.

CHALUFOUR, FRANCE MARIE ALICE

1 Place des Ecoles, Boulogne sur Seine, France.
Special French Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: Lycée Molière.

Practicum: Bryn Mawr Community Center; The Miller Lock Company, Philadelphia; The United States Rubber Company, New Haven, Conn.

Positions, 1920-: Assistant Director, Subnormal Training Class, United States Rubber Company, 1920; Assistant Director of Standardization, 1920-21; Secretary, A. R. C., West Haven, Conn., 1921-22; Research Assistant, University of Pennsylvania, 1922-23; Statistician, U. S. Coal Commission, Washington, D. C., 1923; Clerk, Scientific Organization and Foreign Trade Department, Michelin et Cie, Clermont-Ferrand, France, 1924; Research and Information Secretary, International Migration Service, London, England, 1924-25; Research worker, Columbia Council for Research in the Social Sciences, Paris, 1925—.

CHAPMAN, FRANCES STEVENSON...119 West Wayne Avenue, Wayne, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1925-26.

Academic Training: Cumberland College, 1921-22; A.B., University of Chattanooga, 1925.

Practicum: Mothers' Assistance Fund, Philadelphia.

Position, 1926-: Family case worker, Neighborhood League, Wayne, Pa.

CHAPMAN, RUTH EMILY (Mrs. Owen Meredith Geer)

53 Fairview Avenue, Westwood, N. J.
Non-resident Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., University of Denver, 1919, and M.A., 1921.

Position, 1919-20: Office Manager, Goodwill Industries, Philadelphia.

Practicum: Bryn Mawr Community Center.

CHEYNEY, ALICE SQUIRES.....259 South 44th Street, Philadelphia.
Graduate Student in Social Economy and Social Research, 1915-16, 1917-18. Two year certificate, 1918.

Academic Training: A.B., Vassar College, 1909; Philadelphia Training Course for Social Workers, 1909-10; Graduate Student, University of Pennsylvania, 1910-11, 1918-22, and Ph.D., 1923; University of Wisconsin, 1916-17; Consulting Fellow, Robert Brookings Graduate School, 1925-26.

Positions, 1909-14: Agent, Children's Bureau, Philadelphia, 1909-11; Assistant to the Director, Bureau for the Registration and Exchange of Confidential Information, Philadelphia, 1911; Investigator, Massachusetts Commission on Minimum Wage Boards, Boston, 1911; Investigator, New York State Factory Investigation Commission, 1913-14. *Positions, 1917-25:* Agent, Federal Children's Bureau, 1917; Secretary, Sub-Committee, Pennsylvania State Commission on Public Safety, 1917-18; Instructor in Industrial Problems, Pennsylvania School of Social and Health Work, Philadelphia, 1919-25; Tutor, Summer School for Women Workers, Bryn Mawr College, summer, 1924; Secretary, World Court Speakers' Bureau, Philadelphia, 1925; Acting Executive Secretary, Women's International League for Peace and Freedom, 1925; Representing the American Committee for the Geneva Institute, at the International Labour office, 1927—; Lecturer in Social Economy, Bryn Mawr College, 1927—.

CHUTE, MRS. G. ROGER (see Miles, Winifred Charlotte).

COHEN, EVA (see Ress, Eva).

COOK, HELEN ADELIA (Mrs. Charles Coffin Mitchell)

Box 263, Millbrook, N. Y.

Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1910; University of Washington, summer, 1915 and 1917.

Positions, 1912-18: Teacher, Mineville, N. Y., 1912; Spring Hill, Pa., 1913; Wenatchee, Wash., 1914-18; Worker in Mothers' Pension Bureau, Philadelphia, 1918.

Practicum: The Miller Lock Company, Philadelphia; The Notaseme Hosiery Company, Philadelphia; Edward G. Budd Manufacturing Company, Philadelphia.

Positions, 1919-22: Director of Training, A. M. Collins Company, Philadelphia, 1919-20; Teacher, Bennett School of Liberal and Applied Arts, Millbrook, N. Y., 1920-21; Teacher, Wyalusing Township High School, Camptown, Pa., 1921-22.

COOLBAUGH, MRS. KENNETH M. (see Paddock, Laura Bell).

COPENHAVER, ELEANOR

Y. W. C. A., 600 Lexington Avenue, New York City

Scholar in Social Economy and Social Research, 1918-19; Robert G. Valentine Scholar in Social Economy and Social Research, 1919-20. Two year certificate, 1920.

Academic Training: A.B., Richmond College, 1917.

Position, 1917-18: Teacher, High School, Marion, Va.

Practicum: Bryn Mawr Community Center.

Positions, 1920—: Director, New York College Settlement Camp, Mt. Ivy, N. Y., Summer, 1920; County Secretary, South Atlantic Field Committee, Y. W. C. A., 1920-21; National Secretary, County Department, 1921-23; Industrial Secretary, National Board, 1923—.

CORSTVET, EMMA GRETCHEN 27 Commerce Street, New York City
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Wisconsin, 1918; Graduate Student, Universities of London, Paris and Berlin, 1921-25.

Positions, 1918: Munition Factory Investigations for Woman's Division, Ordnance Department, summer, 1918.

Practicum: The Miller Lock Company, Philadelphia; Women's Trade Union League, Boston, Mass.; Women's Trade Union League, Philadelphia.

Positions, 1919—: Assistant Educational Director, Edward Schuster and Company, Milwaukee, Wis., 1919-20, and Employment Manager, 1920-21; Research Worker, Rockefeller Foundation, New York City, 1925—.

COWARD, MRS. HALTON A. (see Jacobs, Mildred Clark).

DANIEL, FRIEDA OPAL 6858 Ridgeland Avenue, Chicago, Ill
Carola Woerishoffer Fellow in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., Drake University, 1916; Graduate Student, University of Chicago, 1916-18.

Positions, 1918-22: Resident and Supervisor of Evening Work, Chase Settlement House, Chicago, Ill., January-July, 1918; Field Investigator, Stock Yards Community Clearing House, Chicago, Ill., April-September, 1918; Special Agent, United States Bureau of Labor Statistics, Washington, D. C., 1918-19; Field Visitor, A. R. C., Chicago, 1919; Assistant Secretary, Dr. E. S. Ames, University of Chicago, 1919-21; Assistant Inspector, Bureau Internal Revenue, Labor Tax Division, Washington, D. C., 1921-22.

Positions, 1923-: Research Worker, Illinois Manufacturers' Association, 1924; Research Worker, United Charities of Chicago, 1924-25; Vocational Adviser, Vocational Guidance Bureau, Chicago, Ill., 1925-.

DARR, MARJORIE.....St. Mary's, Pa.
American Red Cross Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Smith College, 1916; Graduate Student, University of Chicago, 1923-24.

Positions, 1916-19: Teacher, High School, Defiance, Pa., 1916-17; High School, Woodbridge, N. J., 1917-18; Hut Worker, A. R. C., France, 1918-19.

Practicum: American Red Cross, Coatesville, Pa.

Positions, 1922-: Home Service Secretary, Trumbull County Chapter, A. R. C., Warren, Ohio, 1922, and Executive Secretary of Roll Call, 1922-23; Industrial Secretary, Y. W. C. A., Kalamazoo, Mich., 1923; Visiting Teacher, National Committee of Visiting Teachers, Bluefield, W. Va., 1925; Teacher, High School, St. Mary's, Pa., 1925-26; Case Worker, Society for Organizing Charity, New York City, 1926; Senior Case Worker, Main Line Federation of Churches, Bryn Mawr, Pa. 1926-.

DAVIDSON, HELEN ROWENA (Mrs. Oscar Siverine Nelson)
232 Rutledge Avenue, Rutledge, Pa.
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Idaho, 1918; Graduate Student, University of Pennsylvania, 1925-.

Positions, 1915-18: Teacher, High School, Reubens, Idaho, 1915-16; with the Wylie Permanent Camping Company, Yellowstone Park, summer, 1916; Saleswoman, summer, 1918.

Practicum: Sutro Hosiery Company, Philadelphia; Connecticut Mills, Danielson, Conn.; Krompton Knowles Loom Works, Worcester, Mass.

Positions, 1919-22: Research Worker, Philadelphia Associated Day Nurseries, Philadelphia, 1919; Assistant Educational Director, Atlantic Refining Company, Philadelphia, 1920-22.

DAVIES, JANE STODDER (Mrs. David Murray).....Bedford, Mass.
Robert G. Valentine Scholar in Social Economy and Social Research, 1918-19; Carola Woerishoffer Scholar in Social Economy and Social Research, 1919-20. Two year certificate, 1920.

Academic Training: A.B., Jackson College of Tufts College, 1918.

Practicum: Bryn Mawr Community Center.

Positions, 1920-25: Assistant Field Representative, New England Division, A. R. C., 1920-22; Employment Worker, Metropolitan Chapter, Boston, Mass., and Executive Secretary, Bureau of Non-Residents, 1922; Representative, Veterans' Bureau, 1923; Executive Secretary, Junior Red Cross, 1923-25.

DAVIS, MRS. ROBERT WILLIAM (see Hendricks, Marjory Everest).

DE BOBULA, IDA
Royal Hungarian Ministry of Public Instruction, Budapest, Hungary
Graduate Student in Social Economy and Social Research, 1924-25. One year certificate, 1925.

Academic Training: Ph.D., University of Budapest, 1923.

Position, 1923-24: President, Women's Division, National Union of Hungarian Students.

Practicum: A. M. Collins Manufacturing Company, Philadelphia.

Positions, 1925-: Research Worker, Foreign Bureau, Y. W. C. A., Cleveland, Ohio, 1925-26; Social Economist under Minister of Education, Budapest, 1926-.

DINSMORE, MARY.....617 E Street, Marysville, Calif.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mills College, 1916.

Positions, 1916-18: Business experience, 1916-17; Community organization, 1917-18.

Practicum: The Scovill Manufacturing Company, Waterbury, Conn.; The American International Shipbuilding Corporation, Hog Island, Philadelphia.

Position, 1919-20: Research Assistant to Mr. Dudley Kennedy, Industrial Consultant, Philadelphia.

DONG, NYOK ZOE (Mrs. Tingfu Tsiang)

Nankai University, Tientsin, China
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1920-22. Two year certificate, 1922.

Academic Training: A.B., Smith College, 1920; Graduate Student, Columbia University, 1922-23.

Practicum: Bryn Mawr Community Center.

Position, 1923—: Teacher, Nankai Middle School, Tientsin.

DULLES, ELEANOR LANSING 69 West Cedar Street, Boston, Mass.
Intercollegiate Community Service Association Fellow, 1919-20. Master
of Arts, 1920.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1920; Graduate Student, London School of Economics, 1921-22, Harvard University, 1922; Research Worker, London, 1922; Student, Faculté de Droit, University of Paris, 1925-26; Ph.D., Radcliffe College, 1926.

Positions, 1917-19: Relief Worker, Shurtleff Memorial Relief, Paris, France, 1917-18; Reconstruction Worker, American Friends Service Committee, France, 1918-19.

Practicum: Atlantic Refining Co., Philadelphia; The Scott Company, Philadelphia; American Tube and Stamping Company, Bridgeport, Conn.

Positions, 1920—: Employment Manager, S. Gembly, Long Island City, N. Y., 1920-21; Instructor in Economics, Simmons College, 1924-25; Research Assistant, Bureau of International Research of Harvard University and Radcliffe College, Paris, 1926-27; Instructor in Economics, Simmons College, 1927—.

DURFEE, MARY ELIZABETH

Y. W. C. A., 600 Lexington Avenue, New York City
Grace H. Dodge Fellow in Social Economy and Social Research, 1923-
24. One year certificate, 1924.

Academic Training: Ph.B., University of Vermont, 1906; University of Nanking, 1917-22; Union Theological Seminary, Columbia University, New York School of Social Work, 1922-23; Graduate, National Training School, Y. W. C. A., 1923.

Positions, 1904-22: Assistant to Cataloguer, Public Library, 1904-05; Teacher in High School, Vermont and New York, 1906-09; General Secretary, Y. W. C. A., 1909-17; Worker, Y. W. C. A., Nanking, China, 1917-22.

Position, 1924—: Worker, Y. W. C. A. Secretarial Training Department, Yenching University, Peking, China, 1924-27; Director of General and Religious Education, Y. W. C. A., Minneapolis, Minn., 1927—.

DURGIN, MARGARET ETHEL 13 Summit Avenue, Concord, N. H.
Scholar in Social Economy and Social Research, 1919-20. One year
certificate, 1920.

Academic Training: A.B., Mount Holyoke College, 1913; Student, Cornell University summer, 1916.

Positions, 1913-19: Teacher, High School, Waterbury, Vt., 1913-14; High School, Concord, N. H., 1914-19.

Practicum: Fayette R. Plumb Company, Philadelphia; Westinghouse Lamp Company, Bloomfield, N. J.

Positions, 1920—: Employee, U. S. Rubber Co., New Haven, Conn., 1920-21; Teacher of English, High School, Concord, N. H., 1921-23; Supervisor of Instruction, Boston Rubber Shoe Company, Malden, Mass., 1923-26, Assistant Manager of Industrial Relations, 1926—.

DUNLAP, MRS. D. PORTER (see Nisson, Estelle Geneva).

ELLIOTT, MABEL AGNES 508 North First Street, Marshalltown, Ia.
Carola Woerishoffer Fellow in Social Economy and Social Research,
 1924-26. One year certificate, 1925.

Academic Training: A.B., Northwestern University, 1922, and M.A., 1923; Holder of Wieboldt Fellowship, Northwestern University, second semester, 1923-24.

Position, 1923: Teacher, High School, Marshalltown, Iowa.

Position, 1926—: Instructor, Department of Sociology, University of Minnesota, 1926-27; Director, Department of Economics and Sociology, Stephens College, Columbia, Mo., 1927—.

EVANS, ELIZABETH . . . Family Society, 311 So. Juniper Street, Philadelphia
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1926-27.

Academic Training: A.B., University of Chattanooga, 1926.

Practicum: Family Society, Philadelphia; University Settlement.

Position, 1927—: Case Worker, Family Society, Philadelphia.

EWART, ELIZABETH.....35 Larch Street, Pawtucket, R. I.
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: Ph.B., Brown University, 1923, and A.M., 1925.

Practicum: Women's Trade Union League, New York City.

FAIRCHILD, MILDRED.....181 Forest Street, Oberlin, Ohio
Carola Woerishoffer Fellow in Social Economy and Social Research, 1925-27. Two year certificate, 1927. Graduate Student in Social Economy and Social Research, 1927-28.

Academic Training: A.B., Oberlin College, 1916, and M.A., 1925.

Positions, 1916-25: Member of Staff, Fisk University, 1916-18; Field Representative, Playground and Recreation Association of America, 1918-22; Field Organizer, Oberlin College, 1923-25.

Position, 1927—: Research Assistant, Carola Woerishoffer Graduate Department.

FARMER, MRS. JOHN CLIFFORD (see White, Jeanette Olivia).

FAST, LISETTE EMERY.....280 Broadway, New York City
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., Stanford University, 1919. University of Wisconsin, 1920-21; University of Washington, 1921-22.

Positions, 1917-19: Deputy Probation Officer, Juvenile Court, Denver, Colo., two months, 1917; Assistant, Girls' Club, Neighborhood House, Denver, Colo.

Practicum: Sutor Hosiery Company, Philadelphia; Midvale Steel and Ordnance Company; International Silver Company, Bridgeport, Conn.

Positions, 1922—: Research Assistant, Food Research Institute, Stanford University, 1922-23; Secretary to Director of Citizenship Office, 1923-27; Secretary to the Editor, *World Topics*, New York City, 1927—.

FEDER, LEAH HANNAH.....83 Bloomfield Avenue, Passaic, N. J.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1917-18; Carola Woerishoffer Fellow, 1918-19. Two year certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1917.

Positions, 1917-18: Case Worker Substitute, C. O. S., New York City, summers 1917, 1918.

Practicum: White-Williams Foundation, Philadelphia.

Positions, 1919—: Supervisor of Investigation, Children's Aid Society of Pennsylvania, Philadelphia, 1919-22; District Secretary, Chelsea-Lowell District, C. O. S., New York City, 1922—; Member of Staff, Case Work Department, New York School of Social Work, 1923—; Lecturer on Case Work, National Training School for Institution Executives, Children's Village, Dobbs Ferry, N. Y., 1926; Lecturer, Extension Course on Case Work, New York School of Social Work, 1927.

FELTS, JOSEPHINE NOYES... 434 East 48th Street, North, Portland, Ore.
Robert G. Valentine Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: A.B., Reed College, 1921. Alliance Francaise, Paris, 1926-27; Diploma, 1927.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1922: Visitor, Children's Bureau, Philadelphia; Publicity Worker, New York City, 1927.

FINLEY, GAIL.....1633 East 4th Street, Santa Ana, Calif.
Graduate Student in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: B.S., Monmouth College, 1918.

Positions, 1919-22: Assistant Secretary, Santa Ana Walnut Growers' Association, Santa Ana, Calif., 1919-20; Clerk, Gift Suggestions Bureau, Marshall Field Company, Chicago, Ill., 1920-21; Teacher, High School, Oaklawn, Ill., 1921; Teacher, High School, Santa Ana, Calif., 1921-22.

Practicum: Atlantic Refining Company, Philadelphia; Thos. E. Brown & Sons; Wm. Filene's Sons Company, Boston, Mass.

Positions, 1924-26: Office Manager, Financial Campaign, Y. M. C. A., Santa Ana and Portland, Ore.; Valley Hospital Community Chest, Santa Ana, 1924; Acting Registrar, High School, 1925-26.

FOGARTY, MRS. THOMAS S. (see Owens, Jeanette Carolyn).

FRANKFURTER, ESTELLE.....Women's Bureau, Washington, D. C.
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: Hunter College, 1913-15; A.B., Radcliffe College, 1918; London School of Economics, 1919-20; M.A., Harvard University, 1922.
Positions, 1918: Operator, Holtzer-Cabot Company, three months; Junior Examiner, United States Employment Service, Boston, six weeks.
Practicum: The Atlantic Refining Company, Philadelphia.
Positions, 1920-: Boston Trade Union College, Boston, 1920-21; Tutor, Summer School for Women Workers, Bryn Mawr College, 1921; Investigator, Massachusetts Minimum Wage Commission, Boston, 1922-24; Research Assistant, Women's Bureau, United States Department of Labor, Washington, D. C., 1924—.

FRANKLIN, JR., MRS. BENJAMIN (see Kenyon, Adrienne).

FROST, WINIFRED LILIAN.....Northfield, Minn.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1925-26.

Academic Training: Junior College, 1921-22; A.B., Carleton College, 1925; Robert Brookings Graduate School, 1926—
Practicum: R. H. Macy & Company, New York City; Henry Disston Company, Philadelphia; Dennison Manufacturing Company, Framingham, Mass.

FULK, LUCILLE.....A. R. C., Lansing, Mich.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21.
One year certificate, 1921.

Academic Training: A.B., University of Nebraska, 1919.
Position, 1919-20: Teacher, High School, Norfolk, Nebr.
Practicum: Notaseme Hosiery Company, Philadelphia.
Positions, 1921-: Industrial Secretary, Y. W. C. A., Lincoln, Nebr., 1921-23; Loan Secretary, A. R. C., Central Office, Chicago, Ill., 1923-25; Executive Secretary, A. R. C., Lansing, Mich., 1925—.

FULLER, HELEN GENEVIEVE.....65 Morton Street, New York City
Carola Woerishoffer Scholar in Social Economy and Social Research,
1915-17. Two year certificate, 1917.

Academic Training: A.B., Mount Holyoke College, 1915.
Practicum: Society for Organizing Charity, Philadelphia; Massachusetts Minimum Wage Commission, Boston.
Positions, 1917-: Special Investigator, Consumers' League, Rhode Island, November-December, 1917; Assistant Secretary, Massachusetts Minimum Wage Commission, 1917-19, and Special Agent, 1919-20; Investigator, United States Bureau of Labor Statistics, February-July, 1919; Field Agent, Child Labor Committee, New York, 1920-21; Assistant Director, United Employment Service, Mineola, N. Y., 1921-22; Vocational Counsellor, Vocational Service for Juniors, New York City, 1922-25; Statistician, Bureau of Vocational Information, 1925-26; Educational and Vocational Counsellor, A. I. C. P., New York City, 1926—.

GALSTER, AUGUSTA EMILE..State Department of Welfare, Harrisburg, Pa.
Grace H. Dodge Fellow in Social Economy and Social Research, 1921-22.
One year certificate, 1922.

Academic Training: A.B., University of Illinois, 1918 and M.A., 1920; Ph.D., 1922.
Special French Government Scholar, University of Toulouse, 1922-23.
Positions, 1918-21: Research Assistant to President David Kinley, University of Illinois, 1918-20; Instructor in Economics, University of Illinois, 1920-21.
Practicum: Curtis Publishing Company, Philadelphia.
Positions, 1922-: Assistant, Employees' Benefit Department, American Telephone and Telegraph Company, New York City, 1923-24; Field Representative, State Department of Welfare, Harrisburg, Pa., 1924—.

GANTENBEIN, MARY ELLEN.....796 East Grant Street, Portland, Ore.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1923-24. One year certificate, 1924.

Academic Training: University of Oregon, 1919-20; A.B., Reed College, 1923.
Practicum: Society for Organizing Charity, Philadelphia; "The Lighthouse," Philadelphia.
Positions, 1924-: Aide in Clinics, Presbyterian Hospital, New York City, May-October, 1924; Field Agent, National Child Labor Committee, Portland, Ore., 1924-25; Medical Social Worker, A. R. C., 1925-26.

GARDINER, MRS. JOHN F. (see Willard, Mildred McCreary).

GAYFORD, MURIEL JANET. . . . 1006 Third Avenue, Salt Lake City, Utah
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1924-25. *One year certificate, 1925.*

Academic Training: University of Utah, 1920-21; A.B., University of Kansas, 1924.

Practicum: Thos. E. Brown & Sons, Philadelphia.

Positions, 1925—: Stenographer, Swaner, Chamberlain & Co., Salt Lake City, Utah, 1925-26; Vocational Secretary, Y. W. C. A., Long Beach, Calif., 1926—.

GEER, MRS. OWEN MEREDITH (see Chapman, Ruth Emily).

GIFFORD, HELEN WING. . . . 84 26th Street, Jackson Heights, L. I., N. Y.
Grace H. Dodge Scholar in Social Economy and Social Research, 1922-23.
One year certificate, 1923.

Academic Training: A.B., Vassar College, 1915; B.S., Simmons College, 1917.

Position, 1917-22: Industrial Secretary, Y. W. C. A., New Bedford, Mass.

Practicum: Thos. E. Brown & Sons, Philadelphia; John Wanamaker, Philadelphia.

Position, 1923—: Metropolitan Secretary, Y. W. C. A., New York City.

GLADWIN, MRS. BENJAMIN A. (see Smilovitz, Rachel Lilian).

GOODHUE, MARY BROOKS (Mrs. Richard Lucius Cary)
 Woodbrook, Baltimore, Md.
Grace H. Dodge Fellow in Social Economy and Social Research, 1920-
21. One year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1915; M.A., University of Pennsylvania, 1918 and Graduate Student, 1921-22.

Positions, 1915-20: Teacher, High School, Lunenburg, Mass., 1915-17; Industrial Secretary, Y. W. C. A., Baltimore, 1918-20.

Practicum: John Disston Sons, Philadelphia.

GROVE, MRS. ELSA BUTLER (see Butler, Elsa May).

GUYOT, JOSEPHINE (Mrs. Charles J. Bacon)
 715 Delaware Avenue, Buffalo, N. Y.
Scholar in Social Economy and Social Research, 1919-20. One year
certificate, 1920.

Academic Training: Student, Syracuse University, 1912-14; A.B., Radcliffe College, 1918.

Position, 1918-19: Tutor, Lancaster, Mass.

Practicum: The Barrett Manufacturing Company, Philadelphia; The Edward G. Budd Manufacturing Company, Philadelphia; The United States Rubber Company, New Haven, Conn.

Positions, 1920—: Supervisor of Centralized Instruction, Lycoming Rubber Company, Williamsport, Pa., 1920; Supervisor of Production, DuPont Fiber Silk Company, Buffalo, N. Y., 1921-24, and Supervisor of Industrial Relations, 1924—.

HALL, BESSIE LOUISE. 1528 Mineral Spring Road, Reading, Pa.
Carola Woerishoffer Fellow in Social Economy and Social Research,
 1922-24. *Two year certificate, 1924.*

Academic Training: A.B., Dalhousie University, 1916; M.A., University of Toronto, 1921.

Practicum: White-Williams Foundation, Philadelphia.

Positions, 1916: Teacher in High Schools, Nova Scotia, 1916-18; Volunteer Aid Division Nurse, 1918-19; Teacher, Alberta, Canada, 1919-20.

Positions, 1926—: Relief Worker, A. R. C., Miami, Fla., 1926; Case Worker, Mothers' Assistance Fund, Reading, Pa., 1927—.

HAMMER, MRS. PHILIP (see Stadler, Evelyn).

HARMAN, MINNIE ETTA. Tazewell, Va.
American Red Cross Scholar in Social Economy and Social Research,
 1920-21. *One year certificate, 1921.*

Academic Training: A.B., Lynchburg College, 1914.

Positions, 1914-19: Assistant Principal, High School, Graham, Va., 1914-15; Teacher, High School, Earlysville, Va., 1915-17; Norfolk, West Va., 1917-18; Assistant in Foreign Bureau, Bureau of Communication, A. R. C., Washington, D. C., 1918-19.

Practicum: A. R. C., Phoenixville, Pa.

Positions, 1921—: Executive Secretary, Durham Chapter, A. R. C., 1921-23; Case Supervisor, University of North Carolina, 1923; Executive Secretary, N. C. Conference for Social Service, Chapel Hill, N. C., 1924; Field Worker, A. R. C., Eastern Kentucky, 1924; Northern Georgia, 1925; Executive Secretary, Savannah, Ga., 1925—.

HARPER, MRS. ERNEST (see Chalkley, Lyssa Desha).

HARRIS, HELEN MARIE

Kingsley House, 220 Larimer Avenue, Pittsburgh, Pa.
Intercollegiate Community Service Association Fellow, 1917-18. Master of Arts, 1918.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1918; University of Pennsylvania, summer, 1917.

Position, 1915: Secretarial work, Drexel Institute, Philadelphia, summer.

Practicum: College Settlement, Philadelphia.

Positions, 1918—: Financial Secretary, College Settlement, Philadelphia, 1918-22; Instructor in Dramatics, University Settlement, 1922-23; with Stuart Walker's Company, Indianapolis, Ind., 1923; Headworker, Kingsley House Social Settlement, Pittsburgh, Pa., 1923—.

HATHEWAY, GRACE 16 Ward Street, St. John, N. B., Canada
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., Oberlin College, 1911.

Positions, 1911-19: Officer and Teacher, State Reformatory for Girls, Lancaster, Mass.; Private Secretary, Rollins College; Manuscript Reader, The Century Company, New York City; Editorial Assistant, The "Vogue" Magazine, New York City; Manager, Personal Correspondence Department, The Encyclopedia Britannica Corporation, New York City; The National Child Labor Conference, New York City.

Practicum: The American Pulley Company, Philadelphia; The Scott Company, Philadelphia.

Positions, 1920—: Research Secretary, The American Friends Service Committee, Philadelphia, 1920-21; Assistant Supervisor, Tubize Plant, Hopewell, Va., 1921-22; Assistant in Personnel Department, James McCreery & Co., New York City, 1922; Research Worker, Industrial Research Department, University of Pennsylvania, 1923—.

HAUPT, ISTAR ALIDA Rugby Apts., University Parkway, Baltimore, Md.
Fellow in Psychology, 1920-21. One year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1918; Graduate Student, Johns Hopkins University, 1918-20, 1921-22; Ph.D., 1922; University of Jena, 1922-23.

Position, 1918-20: Assistant Demonstrator in Applied Psychology, Bryn Mawr College.

Practicum: Juvenile Court, Philadelphia.

Positions, 1923—: Employment Department, Consolidated Gas and Electric Co., Baltimore, 1923-25; Educational Director, Stewart and Company, Baltimore, 1925-26; Staff Member, Bureau of Public Personnel Administration, Washington, D. C., 1927—.

HAYS, ELIZABETH

La Salle Building, Suite 903-4, 509 Olive Street, St. Louis, Mo.
Carola Woerishoffer Scholar in Social Economy and Social Research, June, 1918-June, 1919. One year certificate, 1919.

Academic Training: A.B., Smith College, 1909; Student in music, 1910-13; Washington University, 1911-12; Harvard University, summer, 1915; Northwestern University, summer, 1916.

Positions, 1914-18: In charge of book room, Mary Institute, St. Louis, 1914, and Teacher, 1914-18.

Practicum: Winchester Repeating Arms Company, New Haven, Conn.; The United States Cartridge Company, Lowell, Mass.; The American Pulley Company, Philadelphia.

Positions, 1919—: Director, Placement Bureau for the Handicapped, A. R. C., St. Louis, 1919-20; Employment Manager, S. S. Kresge Company, St. Louis, 1920-21; Treasurer, Little and Hays Investment Company, St. Louis, 1922—.

HEIPP, ELSIE Y. W. C. A., 60 South Third Street, Columbus, Ohio
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: Milwaukee Normal School, 1915-17; A.B., Ripon College, 1921.

Positions, 1917-22: Educational and Recreational Director, Preventorium, Milwaukee, Wis., 1917-20; Industrial Secretary, Y. W. C. A., Marion and Indianapolis, Ind., 1921-22.

Practicum: Thos. E. Brown & Sons, Philadelphia; Dennison Manufacturing Co., Framingham, Mass.

Positions, 1924—: Industrial Secretary, Y. W. C. A., Canton, Ohio, 1924-26; Industrial Secretary, Y. W. C. A., Columbus, Ohio, 1926—.

HENDRICKS, MARJORY EVEREST (Mrs. Robert William Davis)

1882 Columbia Road, N. W., Washington, D. C.

Robert G. Valentine Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., University of Wisconsin, 1918; New York School of Social Work, summer, 1919; Graduate Student, University of Wisconsin, summer, 1922.

Positions, 1918-22: Editorial Clerk and Acting Chief of Publication Section, United States Bureau of Standards, Washington, D. C., 1918-19; Case Correspondent, Head of Information Service, Insular and Foreign Division, A. R. C., Washington, D. C., 1919-20; Case Worker, Associated Charities, Washington, D. C., 1921-22.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; R. H. Macy & Co., New York City; Dennison Manufacturing Company, Framingham, Mass.

Positions, 1923—: Assistant in Service Department, Aberfoyle Manufacturing Company, Chester, Pa., 1923; Statistical Clerk, National Research Council, Washington, D. C., 1924-25; Junior Economic Analyst, Women's Bureau, U. S. Department of Labor, 1925; Editor, State Department, Washington, D. C., 1927—.

HERRING, HARRIET LAURA

Institute for Research in Social Science, University of North Carolina,
Chapel Hill, N. C.

Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Meredith College, 1913; University of California, summer, 1915; University of North Carolina, summer, 1916; A.M., Radcliffe College, 1918.

Positions, 1914-17: Teacher of History and Government, High School, Scotland Neck, N. C., 1914-15; Teacher of History and English, Chowan Institute, Murfreesboro, N. C., 1915-17.

Practicum: The Winchester Repeating Arms Company, New Haven, Conn.; The United States Cartridge Company, Lowell, Mass.; The United States Employment Service, Philadelphia.

Positions, 1919—: Employment Manager, Roxford Knitting Mill, Philadelphia, 1919; Community Worker, Pomona Mills, Greenboro, N. C., 1920-22; Personnel Worker, Carolina Cotton and Woolen Mills Company, Spray, N. C., 1922-25; Research Worker in Industrial Relations, Institute for Research in Social Science, University of North Carolina, 1925—.

HIBBARD, HELEN RUTH

457 Orchard Avenue, Bellevue Station, Pittsburgh, Pa.

Carola Woerishoffer Scholar in Social Economy and Social Research, 1916-18. Two year certificate, 1918.

Academic Training: A.B., Wellesley College, 1894, and Graduate Student, 1915-16.

Positions, 1894-1901: Teacher, Miss Williams' School, Worcester, Mass., 1894-95; Monson Academy, Mass., 1895-99; Hillside School, Norwalk, Conn., 1900-01.

Practicum: Social Service Department, Pennsylvania Hospital, Philadelphia; Bryn Mawr Community Center.

Positions, 1917—: Assistant, Bryn Mawr Community Center, 1917-18; Field Worker and District Supervisor, A. R. C., Boston, 1918-19; Supervisor of Training Classes, A. R. C., Pittsburgh, 1919-20; Visitor, Children's Service Bureau, Pittsburgh, 1920-21; Supervisor, Children's Service Bureau, Pittsburgh, 1921—.

HIBBARD, RUTH (Mrs. Alfred Sherwood Romer)

6015 Kimbark Avenue, Chicago, Ill.

Grace H. Dodge Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., University of Missouri, 1922.

Practicum: Notaseme Hosiery Company, Philadelphia; A. M. Collins Manufacturing Company, Philadelphia; Lord & Taylor, New York City.

Position, 1923-24: Junior Statistician, General Advisory Board, Illinois Department of Labor, Chicago, Ill.

HIGGINSON, MRS. WILLIAM JOHN (see Hinds, Ethel).

HILL, CATHERINE UTLEY (Mrs. George Edwin Hill)

37 Madison Avenue, New York City

Graduate Student in Social Economy and Social Research, 1917-18. Master of Arts, 1918.

Academic Training: A.B., Bryn Mawr College, 1907, and M.A., 1918.

Positions, 1899-1910: Teacher of Biblical Literature, and Industrial Secretary, Y. W. C. A., Brooklyn, N. Y., 1899-1901; 1905-10; Head of the East New York Settlement House, summer, 1906.

Positions, 1918—: Y. M. C. A. Worker in France, 1918-19; Metropolitan Secretary, Y. W. C. A., Brooklyn, N. Y., 1920-22; Field Secretary, New York Herald-Tribune Fresh Air Fund, New York State, 1925; Special Representative, National Plant, Flower and Fruit Guild, 1926—.

HINDS, ETHEL (Mrs. William John Higginson)

257 Upland Road, Cambridge, Mass.

Grace H. Dodge Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., Swarthmore College, 1922.

Practicum: Children's Bureau, Philadelphia.

Position, 1923-25: Teacher, Friends' Academy, Locust Valley, L. I.; Saleswoman, Jordan Marsh Company, Boston, Mass., 1926-27; Teacher, Milton Academy, Milton, Mass., 1927—.

HUGHES, GWENDOLYN SALISBURY. 235 West 13th Street, New York City

Susan B. Anthony Scholar in Social Economy and Politics, 1918-19;

Carola Woerishoffer Fellow in Social Economy and Social Research, 1919-20. Doctor of Philosophy, 1920. Two year certificate, 1920.

Academic Training: A.B., University of Nebraska, 1916, and M.A., 1917; Ph. D., Bryn Mawr College, 1920.

Position, 1917-18: Assistant, Child Welfare Department, Public Schools, Lincoln, Nebr. *Positions, 1920—*: Research Assistant, Carola Woerishoffer Graduate Department, Bryn Mawr College, 1920-21; Instructor in Sociology, Elmira College, 1921-22; Director, Child Health Study, Public Health Committee, The New York Academy of Medicine, New York City, 1922-24; Chief Statistician, Institute of Social and Religious Research, New York City, 1924-26; Project Director, 1926—.

HUNT, ELIZABETH PINNEY (Mrs. Andrew Dickson Hunt)

Walnut Lane, Haverford, Pa.

Graduate Student in Social Economy and Social Research, 1919-20.

Master of Arts, 1920. Graduate Student in Social Economy, Economics and Politics, 1921-24.

Academic Training: A.B., Bryn Mawr College, 1912, and M.A., 1920; American-Scandinavian Foundation Fellow, University of Stockholm, 1920-21.

HUNTINGTON, EMILY HARRIET. . . . 69 West Cedar Street, Boston, Mass.

Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of California, 1917; Graduate Student, London School of Economics, 1921-22; M.A., Radcliffe College, 1923; Graduate Student, Radcliffe College, 1924.

Positions, 1917-19: Assistant Director, Pacific Division, Bureau of Junior Red Cross; Child Welfare Division, Council of National Defense, Washington, D. C.; Supervisor, United States Bureau of Labor Statistics.

Practicum: Midvale Steel and Ordnance Company, Philadelphia; Leeds and Northrup Company, Philadelphia; Proctor and Gamble, Port Ivory, Staten Island, N. Y.

Positions, 1920—: Supervisor, Proctor and Gamble, New York City, 1920-21; Instructor in Economics, Simmons College, 1925—.

JACOBS, MILDRED CLARK (Mrs. Halton A. Coward) Wynnewood, Pa.

Carola Woerishoffer Scholar in Social Economy and Social Research, 1916 and 1916-17. Master of Arts, 1917.

Academic Training: A.B., Bryn Mawr College, 1916, and M.A., 1917; Graduate Student in Applied Psychology, 1917-18.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1917—: Assistant Demonstrator in Applied Psychology, Bryn Mawr College, 1917-18; Assistant Manager, Bureau of Occupations for Trained Women, Philadelphia, 1918-23.

JOHNSON, BARBARA LEE East Promenade Street, Mexico, Mo.

Smith College-Intercollegiate Community Service Association Fellow, 1919-20. One year certificate, 1920.

Academic Training: A.B., Smith College, 1919.

Practicum: College Settlement, Philadelphia.

Positions, 1920—: Teacher, Miss Evans' School of Individual Instruction, St. Louis, Mo., 1920-21, 1922-23, and Assistant in organization of Summer Camp, 1920-21; Assistant Professor in History and Economics, College of Agriculture and Mechanics, University of Porto Rico, Mayaguez, Porto Rico, 1921-22; Tutor, travelling in Europe, 1923—.

KENYON, ADRIENNE (Mrs. Benjamin Franklin, Jr.)

6814 Lincoln Drive, Philadelphia

*Bryn Mawr-College Settlements Association Joint Fellow, 1916-17.
Master of Arts, 1917.*

Academic Training: A.B., Bryn Mawr College, 1915, and M.A., 1917; Special Student, Columbia University, October, 1915-January, 1916.

Practicum: College Settlement, Philadelphia.

Positions, 1917-20: Office Secretary, National Social Workers' Exchange, New York City, August-November, 1917; Assistant Employment Manager, American Lithographic Company, New York City, 1917-18; Assistant Manager, Bureau of Occupations for Trained Women, Philadelphia, 1919-20.

KRANZ, CAROLINE MATILDA

Southern Bell Telephone and Telegraph Company, Atlanta, Ga.

*Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.*

Academic Training: A.B., George Peabody College for Teachers, 1911; University of Georgia, summer, 1917.

Positions, 1913-18: Teacher, High School, Gallatin, Tenn., 1913-18; Assistant Registrar, George Peabody College for Teachers, summers, 1913 and 1914; Clerk, Office of the United States Federal Food Administrator, Nashville, Tenn., summer, 1918.

Practicum: The Scott Company, Philadelphia; The Barrett Manufacturing Company, Philadelphia.

Positions, 1919—: Supervisor of Instruction, Bell Telephone and Telegraph Company, Nashville, Tenn., 1919-22; Member of Force, Adjustment Bureau, Cumberland Telephone and Telegraph Company, 1922-26; Assistant to General Supervisor of Employment, Traffic Department, Southern Bell Telephone and Telegraph Company, Atlanta, Ga., 1927—.

KROH, MABEL MAY.....Moscow, Idaho

*Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.*

Academic Training: A.B., University of Idaho, 1912; Graduate Student, 1917-18.

Positions, 1912-18: Teacher, rural schools, 1912-13 and 1914-15; grade schools, 1913-14 and 1916-17.

Practicum: Fayette R. Plumb Company, Philadelphia; Art-in-Buttons, Rochester, N. Y. *Positions, 1919—:* Assistant in Labor Department, Hickey-Freeman Company, Rochester, N. Y., 1919-21; Assistant Labor Manager, Elstein, Chas. Douglas Company, Rochester, N. Y., 1921-22; Time Study Department, Hickey-Freeman Company, 1922—.

KUHN, ADA RUTH.....701 North 26th Street, Lincoln, Nebr.

Carola Woerishoffer Fellow in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of Nebraska, 1915, and M.A., 1918.

Position, 1915-16: Teacher, High School, Stella, Nebr.

Practicum: A. R. C., Phoenixville, Pa.

Positions, 1920—: Teacher, High School, Lincoln, Nebr., 1920-23; Teacher, Technical High School, Omaha, Nebr., 1923—.

KYDD, MARY WINNIFRED..250 Sherbrooke Street, West Montreal, Canada

Fellow in Social Economy and Social Research, 1924-25. One year certificate, 1925.

Academic Training: A.B., McGill University, 1923, and M.A., 1924; Fellow in Economics and Politics, Bryn Mawr College, 1925-26.

Position, 1926—: Assistant in Sociology, McGill University, 1926-27; Visitor, Family Welfare Association, Montreal, 1927—.

LAYMAN, DOROTHY REID.....La Jolla, Calif.

Carola Woerishoffer Scholar in Social Economy and Social Research, 1924-25.

Academic Training: A.B., Rockland College, 1924.

Practicum: Society for Organizing Charity, Philadelphia.

Position, 1925-26: Field Worker, El Retiro School for Delinquent Girls, San Fernando, Calif.

LETSCHKE, MARY HENRIETTA.....827 Glen Terrace, Chester, Pa.

Carola Woerishoffer Scholar in Social Economy and Social Research, 1926-27.

Academic Training: A.B., Oberlin College, 1926.
Position, 1925: Worker in Department of Service and Employment, Aberfoyle Manufacturing Company, Chester, Pa., summer.
Practicum: Henry Disston Company, Philadelphia; Lord & Taylor, New York City; Aberfoyle Manufacturing Company, Chester, Pa.
Position, 1926-27: Employee in Service Department, Aberfoyle Manufacturing Company, Chester, Pa.

LIGHT, NAOMI..... Beaver College, Jenkintown, Pa.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Kansas, 1914, and M.A., 1915.
Positions, 1910-18: Four summers' industrial experience, 1910-14; Teacher, High School, Kansas, 1915-18.
Practicum: Lewis Manufacturing Company, Walpole, Mass.; Social Service Department, University of Pennsylvania Hospital, Philadelphia; United States Employment Service, Philadelphia.
Positions, 1919-—: Head of Financial Adjustment, Social Service Department, Episcopal Hospital, Philadelphia, 1919; Assistant Employment Manager and Assistant Superintendent, Notaseme Hosiery Company, Philadelphia, 1919-24; Director of Employment and Service Department, Greenbaum Brothers & Company, 1924; Head of English Department, Beaver College, 1924—; Teacher, William Penn Evening High School, and Jenkintown Business College, 1927—.

LONEGREN, IRMA CAROLINE..... 50 Kingsbury Street, Waterbury, Conn.
Special Scholar in Social Economy and Social Research, 1918-19. One year certificate, 1919.

Academic Training: A.B., Reed College, 1915; American Scandinavian Foundation Fellow, University of Upsala, 1919-20.
Position, 1915-18: Probation Officer and Statistician, Juvenile Court, Portland, Ore
Practicum: Municipal Court, Philadelphia.
Positions, 1919-—: Worker, Sleighton Farm, Darlington, Pa., 1919; Probation Officer, Court of Domestic Relations, Portland, Ore., 1920-22; Expert in Child Welfare, Children's Bureau, Department of Labor, Washington, D. C., 1922-23; Supervisor of Records, Sleighton Farm, 1923-25; Parole Officer, Inwood House, New York City, 1925-26; Director, Protective Association, Waterbury, Conn., 1926—.

MACMASTER, AMY..... 142 West 11th Street, New York City
Graduate Scholar in Philosophy, 1917-18. Intercollegiate Community Service Association Fellow, 1918-19. Two year certificate, 1919.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1918. Graduate, N. J. State Normal School. Gamma Phi Beta Social Service Fellow, Association of Collegiate Alumnae, and Student, London School of Economics, 1919-20; Student, University of Vienna, 1921; Columbia University, 1924.
Practicum: College Settlement, Philadelphia.
Positions, 1920-—: Director of Publicity, English-American Friends Relief Mission, Vienna, Austria, 1920-21; Assistant Professor of Economics and Sociology, Smith College, 1921-23; Head of Bryn Mawr Preparatory Tutoring Camp, summers, 1917—; Editorial and Research Worker, American Labor Year Book, 1923; Director, Experiment and Research in Methodology for Workers' Education, I. C. S. A., New York City, 1924; Advertising Copywriter, Feakins' Lecture Bureau, New York City, 1925—.

MAHN, KATHRYN LUCILLE..... 286 Bleecker Street, New York City
Grace H. Dodge Scholar in Social Economy and Social Research, 1924-25.

Academic Training: A.B., Oberlin College, 1923.
Position, 1923-24: Teacher, High School, New London, Ohio.
Practicum: N. Snellenburg & Company, Philadelphia; Atlantic Refinery, Philadelphia.
Positions, 1925-—: Operator, American Telephone and Telegraph Company, New York City, 1925-26; Employment Supervisor, 1926-27; Investigator, Federal Children's Bureau, New York, 1927; Girls' Vocational Councillor, Vocational Service for Juniors, New York City, 1927—.

MARTIN, NAN MUIR..... 2 Ashland Avenue, Folcroft, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24. One year certificate, 1925.

Academic Training: Iowa State Teachers College, 1915-17; A.B., Michigan University, 1922-23.

Positions, 1917-22: Teacher, What Cheer, Ia., 1917-18; Clerk, Civil Service Commission, Washington, D. C., 1918-21; Policewoman, Metropolitan Force, Women's Bureau, Washington, D. C., 1921-22.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; R. H. Macy & Co., New York City; Whitman's Candy Factory, Philadelphia.

Positions, 1924—: Assistant Division Sales Manager, Globe Ticket Company, Philadelphia, 1924-26; Field Investigator, Bureau of Women and Children, Pennsylvania State Department of Labor and Industry, 1926—.

MASON, FLORENCE REYNOLDS (Mrs. John David Plant)

Box 1044, New Haven, Conn.

Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., Elmira College, 1918.

Positions, 1915-19: Addressograph Operator, American Sales Book Company, Elmira, N. Y., 1915-16; Nature Study Class, summer camp, Y. W. C. A., Altamont, N. Y., 1917-18; Case Worker, Elmira Federation for Social Service, 1918; Operator in manufacturing plant, two summers; Clerk in Telegraph Office, Pennsylvania Railroad, Elmira, N. Y., 1918-19.

Practicum: The A. M. Collins Company, Philadelphia; Acme Wire Company, New Haven, Conn.

Positions, 1919—: Research Assistant, Carola Woerishoffer Graduate Department, Bryn Mawr College, 1919-20; Research Worker, Written Standard Practice, United States Rubber Company, and Lycoming Rubber Company, Williamsport, Pa., 1920-21; Manager, Fabric Shoe Office, 1921-22; Assistant Manager, John D. Plant Company, New Haven, Conn., 1922-23; Independent Business, 1923—.

McCAUSLAND, CATHERINE (Mrs. George F. Spaulding)

241 Harbor Street, Glencoe, Ill.

Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1918; University of Chicago, 1914-15, and summer, 1918.

Position, 1918: Social Service (Civilian Relief), A. R. C., Boston.

Practicum: The Aberfoyle Manufacturing Company, Philadelphia; Walter Dill Scott Company.

Positions, 1919-23: Employment Manager, The Milton Bradley Company, Springfield, Mass., 1919-20; Assistant in Personnel Department, Wilson Bros., Chicago, Ill., 1920-21; Personnel and Research Worker, Northwestern University, 1922-23.

McCoy, Mrs. WILLIAM C. (see Bell, Katharine Reynolds).

McDOWELL, DOROTHY ELEANOR 2920 Pine Street, Philadelphia

Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1918. Graduate Fellow and Reader of History, Mount Holyoke College, 1921-23.

Practicum: The Suto Hosiery Company, Philadelphia; The Miller Lock Company, Philadelphia.

Positions, 1919-21: Research Worker, D. R. Kennedy, Industrial Consultant, Philadelphia, 1919-20; Teacher of History, Chicago Latin School for Girls, Chicago, Ill., 1920-21.

McKAY, EVELYN CHRISTIANA 144 East 22nd Street, New York City

Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of British Columbia, 1919.

Positions, 1917-18: Student Assistant, Department of History, University of British Columbia, 1917-18; Desk Secretary, Y. W. C. A., Vancouver, B. C., 1918.

Practicum: A.M. Collins Manufacturing Company, Philadelphia; John Wanamaker, Philadelphia; L. Bamberger and Company, Newark, N. J.

Positions, 1920—: Saleswoman, L. Bamberger and Company, Newark, N. J., 1920; Junior Statistician, Public Service Commission, First District, New York City, 1920-21; Job Analyst, Planning Department, R. H. Macy & Co., New York City, 1921-22, 1923-24; Teaching Fellow in Economics, University of California, Berkeley, Calif., 1922-23; Investigator, Milbank Health Demonstrations, State Charities Aid, New York City, 1924-25; Statistician, Marion County Child Health Demonstration, Salem, Ore., 1925-26; Research Agent, American Foundation for the Blind, New York City, 1926—.

MEREDITH, LOIS ANGELINE.....8 West 40th Street, New York City
Robert G. Valentine Scholar in Social Economy and Social Research,
1920-21; Carola Woerishoffer Scholar in Social Economy and
Social Research, 1921-22.

Academic Training: A.B., Grinnell College, 1919. Commonwealth Fund Fellow, New York School for Social Work, 1922-23.

Position, 1919-20: Teacher, High School, Nashua, N. H.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1923—: Visiting Teacher, Bureau of Child Guidance, New York City, 1923; Visiting Teacher, Public Education Association, New York City, 1923-27; Instructor of Education, George Peabody College for Teachers, summer, 1927; Assistant, Publications Department, Public Education Association, New York City, 1927—.

MILES, WINIFRED CHARLOTTE (Mrs. G. Roger Chute)
 1721 Cedar Street, Berkeley, Calif.
Scholar in Social Economy and Social Research, 1919-20. One year
certificate, 1920.

Academic Training: A.B., University of California, 1919.

Positions, 1917-19: Resident Worker, Telegraph Hill Neighborhood House, San Francisco, 1917; Assistant Manager, Bothin Convalescent Home, Monor, Marin County, Calif., 1917; The Neville Bag Factory, Portland, Ore., 1918; Assistant Head Worker, People's Place Settlement, San Francisco, two months, 1918 and 1919; Venus Candy Factory, Oakland, Calif., 1919; Bonbon Dipper, Pacific Coast Candy Company, San Francisco, 1919; National Paper Products Company, San Francisco, 1919.

Practicum: The Whitman Candy Company, Philadelphia; Notaseme Hosiery Company, Philadelphia; R. H. Macy & Co., New York City.

Positions, 1920-26: Assistant Director of Education, Hale Brothers, Inc., San Francisco, 1920, and Director of Education, 1920-22; Clerk in Book Department, R. H. Macy & Co., New York City, 1922-23; Worker in Educational and Employment Department, White House, San Francisco, 1923-24, and in Book Department, 1924-25; Director of Activities, International Institute of San Francisco, 1925; Educational Director, Montgomery Ward & Company, Oakland, Calif., 1926-27.

MILLER, EDITH M. (Mrs. Joe Tufts). 608 North Broadway, Abilene, Kans.
Robert G. Valentine Scholar in Social Economy and Social Research,
1923-24. One year certificate, 1924.

Academic Training: A.B., Baker University, 1923.

Position, 1922: Collegiate Industrial Research Worker, Y. W. C. A., Denver, Colo., summer.

Practicum: College Settlement, Philadelphia; Bryn Mawr Community Center; Haverford Community Center.

Positions, 1924—: Teacher of Sociology and General Science, High School, Sabetha, Kans., 1924-25; Student Secretary, Y. W. C. A., and Assistant to Dean of Women, Colorado Agricultural College, Fort Collins, Colo., 1925-26; Regional Finance Chairman, Y. W. C. A., 1926—.

MILLER, MRS. EDWARD W. (see Stelle, Katharine Beatrice).

MITCHELL, MRS. CHARLES COFFIN (see Cook, Helen Adelia).

MONROE, MARGARET MONTAGUE (Mrs. Frank Calton Smith)
 510 Buchanan Boulevard, Durham, N. C.
Fellow in Psychology, 1918-20. One year certificate, 1920. Doctor of
Philosophy, 1922.

Academic Training: Barnard College, Columbia University, 1911-13; A.B., Mount Holyoke College, 1915; Graduate Scholar in Psychology, Bryn Mawr College, 1916-17, Graduate Student, 1920-22, 1923, and Ph.D., 1922.

Practicum: Juvenile Court, Philadelphia.

Positions, 1920-24: Assistant Demonstrator, Applied Psychology, Bryn Mawr College, 1920-21; Research Assistant, Laboratory of Physiological Optics, Polyclinic Hospital of the Post Graduate Medical College, University of Pennsylvania, 1922-24.

MONTGOMERY, MRS. ROBERT (see Bunton, Georgiana).

MOREHOUSE, BERTHA... 2504 Derbyshire Road, Cleveland Heights, Ohio
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., Ohio Wesleyan University, 1914; Ohio Northern University, summer, 1915.

Positions, 1912-19: Teacher, Government Schools, Porto Rico, 1912-13; Teacher, Union Township High School, Mt. Cory, Ohio, 1914-16, Brown Township High School, Kilbourne, Ohio, 1916-17, Franklin High School, Franklin, Ohio, 1917-19.

Practicum: The Midvale Steel Company, Philadelphia; The Acme Wire Company, New Haven, Conn.

Positions, 1919—: Apprentice, Joseph and Feiss, Cleveland, Ohio, 1919-21; Teacher, Public Schools, 1921-22; Vocational Guidance Counsellor, Audubon Junior High School, 1922-25; Teacher of English, Americanization Department, Cleveland Night Schools, 1923—. Vocational Counsellor, Central High School, 1925—.

MORRISON, ANNE HENDRY.....Bryn Mawr College
Community Center Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921. Intercollegiate Community Service Association Fellow, 1925-26. Carola Woerishoffer Fellow in Social Economy and Social Research, 1926-27.

Academic Training: A.B., University of Missouri, 1914. Graduate Student, University of Chicago, summers, 1916, 1919; Graduate Student, Columbia University, 1922; Bryn Mawr College, Semester II, 1924-25.

Positions, 1905-20: Teacher, Public Schools, Kansas City, Mo., 1905-13 and 1914-15; Teacher, High School, Kansas City, Mo., 1915-20.

Practicum: Bryn Mawr Community Center; White-Williams Foundation; Children's Bureau, Philadelphia.

Positions, 1921-25: Tutor and Assistant Librarian, Bryn Mawr Summer School for Women Workers in Industry, Summer, 1921; Instructor in Economics and Sociology, Mt. Holyoke College, 1921-22; Social Director of Morris Hall, Columbia University, 1922; Psychologist, Sleighton Farm, Darlington, Pa., 1923-25; Psychologist, Women's Division, Pennsylvania Hospital for Nervous and Mental Diseases, Philadelphia, Summer, 1925; Travelling Teacher, National League of Girls' Clubs, New York City, 1927—.

MOSS, MRS. CLIFTON LOWTHER (see Spence, Virginia Wendel).

MURRAY, MRS. DAVID (see Davies, Jane Stodder).

NASON, ARDIS.....1207 Logan Avenue, Tyrone, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Mount Holyoke College, 1920.

Position, 1920: Assistant, Statistical Department, United States Rubber Company, Williamsport, Pa., summer, 1920.

Practicum: John Wanamaker, Philadelphia.

Positions, 1921—: Assistant Instructor, Department of Economics, Massachusetts Institute of Technology, Cambridge, Mass., 1921-23; Instructor in Statistics and Economics, Katherine Gibbs' School for Executive Secretaries, Boston, 1922-23; Instructor in Economics, Erskine School, Boston, 1922-23; Tutor in Economics, Summer School for Women Workers, Bryn Mawr College, summer, 1924; Supervisor of Employment, Junior Employment Service, Philadelphia, 1924—; Teacher in Americanization, Board of Education, 1925—.

NEELY, TWILA EMMA.....333 Beaver Street, Sewickley, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1925-26. Scholar in Social Economy and Social Research, 1926-27. Two year certificate, 1927.

Academic Training: A. B., Wooster College, 1925.

Practicum: R. H. Macy & Company, New York City; Atlantic Refining Company, Philadelphia; Dennison Manufacturing Company, Framingham, Mass.

Positions 1927—: Tutor in Economics, Bryn Mawr Summer School for Women Workers in Industry; Field Worker, Federal Children's Bureau, Pa., 1928—.

NELSON, MRS. OSCAR SIVERINE (see Davidson, Helen Rowena).

NETERER, INEZ MAY.....Lake Erie College, Painesville, Ohio.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1916-17; Fellow in Education, 1918-19. Two year certificate, 1919. Doctor of Philosophy, 1923.

Academic Training: B.S., Mills College, 1916; Ph.D., Bryn Mawr College, 1923. Gamma Phi Beta Social Service Fellow, Association of Collegiate Alumnae, 1917-18.

Practicum: Children's Bureau, Philadelphia; Bryn Mawr Community Center.

Positions, 1919—: Laboratory Assistant, Child Study Laboratory, Public Schools, Seattle, Wash., 1919-22; Assistant to Assistant Superintendent of Schools, 1922-23; Executive Secretary, Haverford Community Center, Haverford, Pa., 1923-24; Professor of Psychology and Education, Lake Erie College, 1925—.

NISSON, ESTELLE GENEVA (Mrs. D. Porter Dunlap)
1129 Greenwich Terrace, San Francisco, Calif.
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: Pomona College, 1914-15; University of California, 1915-16. A.B., Stanford University, 1918.
Practicum: John Wanamaker, Philadelphia; The Hood Rubber Company, Watertown, Mass.; Wm. Filene's Sons, Boston, Mass.
Positions, 1919-24: Investigator, Retail Research Association, New York City, 1919-22; Campaign Manager, A. R. C., Orange County, Calif., 1923; Field Worker in Chapter Inspection, Chi Omega Fraternity, 1923; Assistant Buyer, The White House, San Francisco, Calif., 1923-24.

OPP, HELEN SCHUYLER . . . E. I. du Pont de Nemours Co., Wilmington, Del.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Goucher College, 1909; Cornell University, summer, 1911; University of Pennsylvania, 1914-17.
Positions, 1910-18: Teacher, High School, Kingston, Pa., 1910-12, Lewistown, Pa., 1912-13, Philadelphia, 1913-18.
Practicum: The McElwain Shoe Company, Manchester, N. H.; Winchester Repeating Arms Company, New Haven, Conn.; Edward G. Budd Motor Manufacturing Company, Philadelphia.
Positions, 1919-—: Assistant to Safety Engineer, Semet-Solway Company, Syracuse, N. Y., 1919-21; Assistant, Industrial Research Department, Wharton School of Commerce, University of Pennsylvania, 1921-22; Secretary and Treasurer, J. H. Weir Company, Wilkes-Barre, Pa., April, 1922-23; Member of Staff, Institute of Economics, Washington, D. C., 1924-25; Industrial Research Worker, Service Department, E. I. du Pont de Nemours Co., Wilmington, Del.

ORMSBEE, HAZEL GRANT Y. W. C. A., Bridgeport, Conn.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1915-16; Carola Woerishoffer Fellow, 1916-17. Two year certificate, 1917. Graduate Student in Social Economy and Social Research, 1923-25. Doctor of Philosophy, Bryn Mawr College, 1926.

Academic Training: A.B., Cornell University, 1915; Mary E. Garrett European Fellow and Student, London School of Economics, 1920-21; Ph.D., Bryn Mawr College, 1926.
Practicum: Bureau of Compulsory Education, Philadelphia.
Positions, 1917-—: Case Work Supervisor, White-Williams Foundation, Philadelphia, 1917-20; Scholarship Counsellor, 1921-22; Vocational Counsellor, Vocational Service for Juniors, New York City, 1922-23; Research Assistant, Carola Woerishoffer Graduate Department, 1923-25; Director, International Institute, Y. W. C. A., Manchester, N. H., 1926-27; Bridgeport, Conn., 1927-—.

OWENS, JEANETTE CAROLYN (Mrs. Thomas S. Fogarty)
Geo. G. Bean, Inc., Boston, Mass.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: Bachelor of Biological Science, Bucknell University, 1917.
Position, 1917-18: Teacher, High School, Stroudsburg, Pa.
Practicum: General Electric Company, Lynn, Mass.; The Fayette R. Plumb Company, Philadelphia.
Positions, 1919-—: Assistant to Employment Manager, Sun Shipbuilding Company, Chester, Pa., 1919; Worker in Quilling Department, Aberfoyle Manufacturing Company, 1919; Teacher, Industrial Department, High School, Chester, Pa., 1919-20; Teacher of Science, High School, Williamsport, Pa., 1920-22; Teacher of English, Junior Schools, Camden, N. J., 1922-24; Buyer, Geo. G. Bean, Inc., Boston, Mass., 1924-—.

PADDOCK, LAURA BELL (Mrs. Kenneth M. Coolbaugh)
113 Poplar Walk, Ridley Park, Pa.
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Minnesota, 1910.
Positions, 1910-18: Assistant Principal, High School, Mora, Minn., 1910-12; Principal, High School, Monticello, Minn., 1912-13; Principal, High School, Delano, Minn., 1913-18.
Practicum: The American International Shipbuilding Company, Hog Island, Philadelphia; Plimpton Press, Norwood, Mass.; Bird & Co., Walpole, Mass.
Positions, 1919-23: Industrial Editorial Writer, Collins Industrial Council, A. M. Collins Manufacturing Company, Philadelphia, 1919-22; Field Investigator, United States Coal Commission, Washington, D. C., 1923.

PALMER, GLADYS LOUISE.....Hollins College, Hollins, Va.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1917-18, 1919-20. One year certificate, 1918.

Academic Training: A.B., Barnard College, 1917; Frances Sargent Pepper Fellow, University of Pennsylvania, 1922-23; Ph.D., University of Pennsylvania, 1924.

Positions, 1918—: Secretary, Carola Woerishoffer Graduate Department, Bryn Mawr College, 1918-19, and Reader, 1919-20; Instructor in Economics, Vassar College, 1920-22; Assistant in Economics, Swarthmore College, 1923-24; Professor of Economics and Sociology, Hollins College, 1924—.

PANCOAST, ELINOR.....Goucher College, Box 367, Baltimore, Md.
Scholar in Social Economy and Social Research, October, 1918-June,
1919. Special War Emergency Certificate, 1919.

Academic Training: University of Texas, 1911-13, and summer, 1916. Ph.B., University of Chicago, 1917, and M.A., 1922; Graduate Student, University of Chicago, 1920-21; Assistant in Political Economy, 1922-23, and Fellow, 1923-24; Ph.D., 1927.

Positions, 1913-18: Teacher, High School, Henrietta, Texas, 1913-16; Wichita Falls, Texas, 1917-18.

Practicum: Notaseme Hosiery Company, Philadelphia; Scovill Manufacturing Company, Waterbury, Conn.; Acme Wire Company, New Haven, Conn.

Positions, 1919—: Research Worker, Industrial Service Department, A. M. Collins Company, Philadelphia, 1919-20; Instructor in Economics, Goucher College, 1924-25; Assistant Professor of Economics, 1925—.

PARSONS, MRS. IRVING B. (see Shackelford, Pemala).

PIERROT, HENRIETTE.....40 West 56th Street, New York City
French Graduate Scholar, 1922-23. One year certificate, 1923.

Academic Training: The Sorbonne, Paris, 1915-18; Licence ès lettres, University of Paris, 1916; Diplome d'études supérieures de philosophie, 1917, and Certificat d'études supérieures d'embryologie, 1918; Student of Painting and Decoration, 1918-22.

Positions, 1923—: Artist, New York City, 1923-24; Tutor and Teacher in private schools, 1924—.

PIRIE, ALICE MAY.....Fort Collins, Colo.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-
21. One year certificate, 1921.

Academic Training: A.B., Colorado College, 1919.

Position, 1919-20: Principal, High School, Estes Park, Colo.

Practicum: Curtis Publishing Company, Philadelphia.

Positions, 1921—: Manager, Crags Hotel, Estes Park, Colo., 1921; Teacher of Mathematics and English, State Preparatory School, Boulder, Colo., 1921-23; Superintendent, Wright Refuge, Durham, N. C., 1923-27.

PLANT, MRS. JOHN DAVID (see Mason, Florence Reynolds).

PORTER, ELIZABETH LANE....Family Service Society, New Orleans, La.
Intercollegiate Community Service Association Fellow, 1920-21. One
year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1916; M.A., Social Work Department, Margaret Morrison Division, Carnegie Institute of Technology, 1920.

Position, 1917-19: Chief Clerk, Second District Exemption Board, Fort Wayne, Ind.

Practicum: College Settlement, Philadelphia.

Positions, 1921—: Registrar, Confidential Exchange, Cincinnati, Ohio, 1921-22; Executive Secretary, Social Service Exchange, Wilkes-Barre, Pa., 1923-25; Instructor in Social Work, Tulane University, 1925-27; Supervisor of Case Work, Family Service Society, New Orleans, La., 1927—.

PRICE, EDITH MAY.....St. Giles, Teddington, Middlesex, England
British Graduate Scholar, 1919-20. One year certificate, 1920.

Academic Training: Girton College, Cambridge, England; Law Student, Inner Temple, London, 1922—.

Practicum: Municipal Court, Philadelphia; Children's Aid Society, and Society for Organizing Charity, Philadelphia.

Positions, 1920-22: Field Worker, United States Interdepartmental Social Hygiene Board, Boston, Mass., 1920; Student Worker, Reformatory for Women, Framingham, Mass., 1920; Field Worker, Girls' Protective League, Detroit, Mich., 1921-22.

PRICE, FANNIE EMOGENE.....713 Pleasant Street, Pawtucket, R. I.
Grace H. Dodge Fellow in Social Economy and Social Research, 1926-27.

Academic Training: A.B., Brown University, 1925, M.A., 1926, and University Fellow, 1927-28; Columbia University, summer, 1925.

Practicum: Bryn Mawr Community Center; College Settlement, Philadelphia.

REINHOLD, ROSEMARY DOROTHY.....Casilla 1214, Valparaiso, Chile
Carola Woerishoffer Scholar in Social Economy and Social Research,
1922-23. One year certificate, 1923.

Academic Training: A.B., Northwestern University, 1916; Graduate Student, Summer School, Northwestern University, 1920.

Positions, 1916-22: Teacher, High School, Stockland, Ill., 1916-17; High School, Clear Lake, Iowa, 1917-19; Junior High School, Flagstaff, Ariz., 1919-22.

Practicum: Bryn Mawr Community Centre; Y. W. C. A., Philadelphia.

Position, 1923-—: General Secretary, Y. W. C. A., Princeton, N. J., 1923-24; General Secretary, Y. W. C. A., Valparaiso, Chile, 1924—.

RESS, EVA.....134 West 12th Street, New York City
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Smith College, 1916.

Positions, 1916-20: Family Case Worker, United Hebrew Charities, New York City, 1916-17; Investigator and Court Worker, New York Probation and Protective Association, New York City, 1917; Secretary, Juvenile Commission, Hartford, Conn., 1917-18; Field Agent, United States Employment Service in Connecticut, 1918-19; Secretary, Juvenile Commission, Hartford, Conn., 1919-20.

Practicum: A. M. Collins Manufacturing Company, Philadelphia.

Positions, 1921-—: Worker in Adjustment Bureau, Bamberger's, Newark, N. J., 1921-22;

Assistant to President, Goheen Corporation of New Jersey, 1922—.

RIDGEWAY, MRS. (see Shanek, Bertha).

ROBBINS, RHODA

Lingedale, 10 Langdale Road, Sefton Park, Liverpool, England

British Graduate Scholar, 1921-22. One year certificate, 1922.

Academic Training: B.Sc., Liverpool University, 1912, and M.Sc., 1914.

Position, 1918-21: Lecturer in Mathematics, Biology and Advanced Botany, Home and Colonial College, Wood Green, London, 1918-21.

Practicum: Conestoga Community Center, Bryn Mawr, Pa.

RODNEY, MARY EMILY.....84 East First Street, New York City
Intercollegiate Community Service Association Fellow, 1924-25.

Academic Training: A.B., Bryn Mawr College, 1924.

Practicum: College Settlement, Philadelphia; College Settlement, New York.

Positions, 1927-—: Member of Personnel Department, R. H. Macy and Company, New York City.

ROGERS, MRS. BARTON JOSEPH (see Williams, Ada Griswold).

ROMER, MRS. ALFRED SHERWOOD (see Hibbard, Ruth).

ROSS, HELEN.....1151 East 56th Street, Chicago, Ill.
Susan B. Anthony Scholar in Social Economy and Politics, 1917-18.
One year certificate, 1918.

Academic Training: A.B. and B.S., University of Missouri, 1911; Graduate Student, University of Missouri, 1916-17; London School of Economics, 1920-21.

Positions, 1911-17: Teacher, High School, Independence, Mo., 1911-16; Supervisor, Evening School for Immigrants, Jewish Educational Institute, Kansas City, Mo., 1911-15; Teacher, High School, Columbia, Mo., 1916-17.

Positions, 1918-—: Agent, United States Railway Administration, Women's Service Section, Division of Labor, 1918-19; Director, Camp Kechuwa, Michigamme, Mich., 1914-—; Foreign Travel School, 1925—.

SCHAUFFLER, MARY CHRISTINE

1891 Roxbury Road, East Cleveland, Ohio.

Scholar in Social Economy and Social Research, February-October, 1919.

Special War Emergency Certificate, 1919.

Academic Training: A.B., Western Reserve University, 1910, and M.A., 1927. Columbia University, summer, 1914; University of Chicago, summers, 1911 and 1916.

Positions, 1910-18: Teacher, High School, New Philadelphia, Ohio, 1910-17, and Head of English work, 1917-18.

Practicum: The Miller Lock Company, Philadelphia.

Positions, 1920-—: Director of Service Work, Bay State Cotton Corporation, Newburyport, Mass., 1920-22; Supervisor of Service, International Cotton Mills, Lowell, Mass., 1922-24; Assistant to Director, Junior Division, United States Employment Service, Washington, D. C., 1924-25; Research Worker, Bureau of Vocational Information, Washington, D. C., 1925; Director, Elizabeth Arnold Employment Service For Women, Cleveland, 1925-27; Instructor of Sociology, Western Reserve University, 1927—.

SCHERMERHORN, HELEN IVES. 345 Lookout Avenue, Hackensack, N. J.
Carola Woerishoffer Fellow in Social Economy and Social Research,
 1920-21. *One year certificate, 1921.*

Academic Training: A.B., Vassar College, 1908; M.A., Columbia University, 1920.
Positions, 1909-19: Teacher, Brown School, Schenectady, N. Y., 1909-15; Academy for
 Girls, Albany, N. Y., 1916-19.
Practicum: Bryn Mawr Community Center.
Positions, 1921—: Principal, Night School for Foreign Born, Hackensack, N. J., 1921—,
 and Americanization Director, 1923—.

SCHMIDT, GERTRUDE. 102 College Avenue, Northfield, Minn.
Robert G. Valentine Scholar in Social Economy and Social Research,
 1926-27.

Academic Training: A.B., Carleton College, 1926; Graduate Student, University of Wis-
 consin, first semester, 1927.
Practicum: Leeds, Northrup Company, Philadelphia; R. H. Macy & Company, New York
 City; Gillette Safety Razor Company, Boston.
Position, 1927—: Field Worker, Federal Children's Bureau, Pennsylvania.

SCHOENFIELD, MARGARET HERTHA

3448 34th Place, Cleveland Park, Washington, D. C.
Grace H. Dodge Scholar in Social Economy and Social Research, 1921-
22. One year certificate, 1922.

Academic Training: A.B., George Washington University, 1918; M.A., 1920.
Positions, 1920-21: Clerk, United States Department of Agriculture, Washington, D. C.,
 1920; Clerk, United States Employees' Compensation Commission, 1920-21; Assistant
 Field Agent, United States Social Hygiene Board, 1921.
Practicum: Thos. E. Brown & Sons, Philadelphia; Dennison Manufacturing Co., Fram-
 ingham, Mass.; Bryn Mawr Community Center.
Positions, 1922—: Investigator, United States Coal Commission, 1923; Worker in Indus-
 trial Research, University of Pennsylvania, 1923-26; Special Expert, U. S. Tariff Com-
 mission, 1927—.

SHACKELFORD, PEMALA (Mrs. Irving Browne Parsons)

1005 Canyon Road, Santa Fe, N. M.
Grace H. Dodge Scholar in Social Economy and Social Research, 1921-
22. One year certificate, 1922.

Academic Training: A.B., University of Missouri, 1921.
Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; Strawbridge & Clothier,
 Philadelphia; Y. W. C. A., New York City.
Positions, 1922-26: Industrial Secretary, Y. W. C. A., Muncie, Ind., 1922-24; Industrial
 Secretary, Frankford Branch, Y. W. C. A., Philadelphia, 1924-26.

SHANEK, BERTHA (Mrs. Ridgeway) . . c/o Mr. Charles Shanek, Odell, Nebr.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-
21. One year certificate, 1921.

Academic Training: A.B., University of Nebraska, 1912; Graduate Student, Columbia
 University, summer, 1916; University of Nebraska, 1916-18.
Positions, 1900-20: Teacher, Public Schools, Superior, Nebr., 1900-09; High School,
 Hastings, Nebr., 1912-16; Night School, Lincoln, Nebr., 1916-18; Preparatory High
 School, University of Wyoming, 1918-20.
Practicum: Edward G. Budd Company, Philadelphia.

SHIELDS, WILMER. 3915 St. Charles Avenue, New Orleans, La.
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-
24; and Carola Woerishoffer Fellow in Social Economy and Social
Research, 1924-25. Master of Arts, 1925. Two year certificate, 1925.

Academic Training: A.B., Newcomb College, Tulane University, 1923; M.A., Bryn Mawr
 College, 1925.
Practicum: A. M. Collins Manufacturing Company, Philadelphia; Lord & Taylor, New
 York City.
Positions, 1924—: Clerk, Office of the Factories Inspector, New Orleans, La., summer,
 1924; Research Worker, High School Scholarship Association, New Orleans, 1925-27;
 Teacher, School of Social Work, Tulane University, 1927—.

SMALTZ, REBECCA GLOVER

32 East Sedgwick Street, Germantown, Philadelphia
*Non-Resident Graduate Student in Social Economy and Social Research
 and Economics, 1923-25. Master of Arts, 1925. Two year certificate,
 1925.*

Academic Training: A.B., Mount Holyoke College, 1923; M.A., Bryn Mawr College, 1925.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; Whitman's Candy Factory.

Positions, 1925—: Tutor in Economics, Bryn Mawr Summer School for Women Workers
 in Industry, 1925; Field Investigator, Bureau of Women and Children, Pennsylvania
 State Department of Labor and Industry, 1926—.

SMILOVITZ, RACHEL LILIAN (Mrs. Benjamin A. Gladwin)

Winslow Apt., 1530 Seward Street, Detroit, Mich.
Scholar in Economics, 1921-22. One year certificate, 1922.

Academic Training: A.B., University of Toronto, 1921.

Practicum: Conestoga Community Centre, Bryn Mawr.

Position, 1923: Translator, Provincial Parliament, Quebec.

SNELL, JULIA CHARLOTTE (Mrs. Elmer Ellsworth Bradley)

836 Monroe Avenue, Scranton, Pa.
*Carola Woerishoffer Scholar in Social Economy and Social Research,
 1923-24; and Carola Woerishoffer Fellow in Social Economy and
 Social Research, 1924-25. Two year certificate, 1925.*

Academic Training: A.B., Mount Holyoke College, 1923.

Position, 1925: Field Investigator, Federal Children's Bureau, Maryland and District of
 Columbia.

SMITH, MRS. FRANK CALTON (see Monroe, Margaret Montague).

SNIDER, MARGUERITE LYONS.... 63 Kensington Avenue, Uniontown, Pa.
*American Red Cross Scholar in Social Economy and Social Research,
 1920-21. One year certificate, 1921.*

Academic Training: A.B., Vassar College, 1918. Graduate Student, Columbia University
 and Union Theological Seminary, 1923-24.

Position, 1918-20: Case Worker, Fayette County A. R. C., Uniontown, Pa.

Practicum: Rural Section, Southeastern Division A. R. C., Chester County, Pa.

Positions, 1921—: Assistant Executive Secretary, A. R. C., Uniontown, Pa., 1921-24;
 Edward A. Woods Co.—Equitable Life Assurance Society, Pittsburgh, Pa., 1925—.

SORBETS, MARGUERITE (Madame Jean Vèzes)

45 Avenue de l'Echo, Parc-Saint-Maur-Seine, France
*Special French Scholar in Social Economy and Social Research, 1919-
 20. One year certificate, 1920.*

Academic Training: Baccalaureate, University of Bordeaux, 1916-19; Licence ès Sciences,
 1919; Diplôme d'Ingénieur Chimiste, 1919.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; The American Pulley
 Company, Philadelphia; Procter and Gamble, Port Ivory, Staten Island, N. Y.

Positions, 1920—: Secretary, *Mon Bureau Magazine*, Paris, 1921; Secretary, Chemical
 Laboratory, Paris University, 1923; Secretary-Chemist, Accumulators makers, Paris,
 1923-24; Secretary to the Director, La Nationale Re-Insurance Company, Paris, 1924-27.

SPALDING, HELEN ELIZABETH... 463 Van Buren Street, Milwaukee, Wis.

*Graduate Student in Social Economy and Social Research, 1919-20;
 Carola Woerishoffer Fellow in Social Economy and Social Research,
 1920-21. Master of Arts, 1920. Two year certificate, 1921.*

Academic Training: A.B., Bryn Mawr College, 1919, and M.A., 1920.

Practicum: Children's Aid Society, Philadelphia; Society for Organizing Charity, Phila-
 delphia.

Positions, 1921—: Visitor, Mothers' Pensions Department, Wayne County Juvenile
 Court, Detroit, Mich., 1921-22; Visitor, Provident Association, St. Louis, Mo., 1922-24;
 Case Worker, Pennsylvania Children's Aid Society, Philadelphia, 1924-26; Director,
 Child Boarding Department, Juvenile Protective Association, Milwaukee, Wis., 1926—.

SPAULDING, MRS. GEORGE F. (see McCausland, Catherine).

SPENCE, VIRGINIA WENDEL (Mrs. Clifton Lowther Moss)

3718 Cragmont Street, Dallas, Texas

Grace H. Dodge Fellow in Social Economy and Social Research, 1920-21.

One year certificate, 1921.

Academic Training: A.B., University of Texas, 1917, and M.A., 1920. National Training School, Y. W. C. A., New York City, summer, 1919.

Positions, 1917-21: Assistant Registrar, Agricultural and Mechanical College, College Station, Texas, 1917-18, and Secretary, Army Training, 1918-19; Girls' Work Secretary, Y. W. C. A., Austin, Texas, 1919-20; Student Assistant, Department of Economics, University of Texas, 1919-20; Instructor, Summer Session, University of Texas, 1920-21.

Practicum: Atlantic Refining Company, Philadelphia.

Position, Summer, 1921: General Secretary, Y. W. C. A., Laredo, Texas.

STADLER, EVELYN (Mrs. Philip Hammer)

5604 Washington Court, St. Louis, Mo.

Scholar in Social Economy and Social Research, February-October, 1919.

Special War Emergency Certificate, 1919.

Academic Training: Harris Teachers College, St. Louis, Mo., 1913-15; B.S., University of Missouri, 1919.

Positions, 1915-17: Substitute Teacher, Public Schools, St. Louis, 1915-16; Teacher, Emerson School, 1916-17.

Practicum: Notaseme Hosiery Company, Philadelphia; Fashion Park, Rochester, N. Y.

Position, 1919-20: Employment Manager of Women, Standard Mill, American Manufacturing Company, St. Louis, Mo.

STELLE, KATHARINE BEATRICE (Mrs. Edward Walter Miller)

114 East 188th Street, New York City

Scholar in Social Economy and Social Research, October, 1918-June,

1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1918.

Practicum: The Atlantic Refining Company, Philadelphia; The Winchester Repeating Arms Company, New Haven, Conn.; Acme Wire Company, New Haven, Conn.

Positions, 1919-21: General and Industrial Secretary, North American Lace Company Branch, Y. W. C. A., Philadelphia, 1919-20; Assistant Supervisor of Employment, The L. K. Liggett Company, New York City, 1920-21.

STEVENSON, MARGARETTA PRICE

952 $\frac{3}{4}$ North Serrano Avenue, Los Angeles, Calif.

Graduate Student in Social Economy and Social Research, 1918-19.

One year certificate, 1919.

Academic Training: A.B., University of Kansas, 1918.

Practicum: Bryn Mawr Community Center.

Positions, 1919—: Organizer Community Work, Wamego, Kans., and Teacher of Latin and English, High School, Wamego, 1919-21; Teacher of English, Atchison, Kans., 1921-23; Assistant Manager, "Ask Mr. Foster" Travel Information Service, Los Angeles, Calif., 1923; Teacher of Oral English and Dramatics, Jefferson High School, 1924—.

STILES, HALLIE ULA.....64 Park Avenue, New York City

Scholar in Social Economy and Social Research, October, 1918-June,

1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Albion College, 1916.

Positions, 1908-18: Assistant Bookkeeper and Stenographer, Peoples Exchange Bank, Russellville, Ark., 1908-12; Librarian, Y. W. C. A., Detroit, Mich., 1916-17, and Industrial Secretary, 1917-18; Shop Practice, American Car and Foundry Co., Detroit, summer, 1918.

Practicum: The Barrett Manufacturing Company, Pennsylvania Department of Labor and Industry, Factory Inspection, and United States Employment Service, Philadelphia.

Positions, 1919—: Employment Manager, Notaseme Hosiery Company, Philadelphia, 1919; Assistant to Credit Manager, A. B. Kirschbaum Company, 1919-20; Educational Instructor and Assistant Supervisor of Juniors, L. Bamberger and Company, Newark, N. J., 1920-22, and Buyer, 1922-23; Training as Tea Room Manager, Schraft's, New York City, 1924.

STUCKY, MRS. FRED (see Walder, Emmi).

SUMNER, MARY CLAYTON.....145 East 57th Street, New York City

Carola Woerishoffer Fellow in Social Economy and Social Research,

1922-23. One year certificate, 1923.

Academic Training: A.B., Newcomb College, Tulane University, 1917; Graduate Student, Tulane University, 1917-18, and Fellow in Psychology, 1918-19; Commonwealth Fellow in Mental Hygiene, New York School of Social Work, 1923-24.

Positions, 1917-22: Editorial Staff, *Times-Picayune*, New Orleans, La., 1917-18; Teacher, Newman Manual Training School, New Orleans, 1919; Publicity Director, Northeast Field, National Board, Y. W. C. A., New York City, 1919-21; Member of Reviewing Staff, American Institute of Medicine, New York City, 1921-22; Executive Secretary, International Serbian Educational Committee, New York City, 1922.

Practicum: Society for Organizing Charity, Philadelphia; Nervous and Mental Diseases Clinic, Pennsylvania Hospital, Philadelphia.

Positions, 1924—: Psychiatric-Social Worker, Research Department, Berkshire Industrial Farm, Canaan, N. Y., 1924-27; Psychiatric Social Worker, Institute for Child Guidance, New York City, 1927—.

TATTERSHALL, LOUISE MAY. 189 Claremont Avenue, New York City
Grace H. Dodge Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., Barnard College, 1908.

Positions, 1909-19: Teacher, High School, White Haven, Pa., 1909-11; Wykeham Rise, Washington, Conn., 1914-15; and Phoebe Anna Thorne School, Bryn Mawr, Pa., 1915-16; Kent Place School, Summit, N. J., 1916-17; Clerk, The American Telephone and Telegraph Company, New York City, 1917-19; Clerk, A. R. C., New York City, 1919.

Practicum: The Edward G. Budd Manufacturing Company, Philadelphia; Vocational Direction in Social Institutions, Massachusetts.

Positions, 1920—: Director, Placement Bureau for the Handicapped, A. R. C., St. Louis, Mo., 1920-21; Research Worker, Central Employment Bureau, Y. W. C. A., New York City, 1921-24; Statistician, National Organization for Public Health Nursing, New York City, 1924—.

TETLOW, FRANCES HOWARD. 49 Arnold Avenue, Amsterdam, N. Y.
Graduate Student in Social Economy and Social Research, 1915-16, 1917-18. Two year certificate, 1918.

Academic Training: A.B., Radcliffe College, 1903. Graduate Student, University of Wisconsin, 1916-17.

Position, 1909-15: Teacher of English, Winsor School, Boston, Mass.

Practicum: Women's Trade Union League, Philadelphia.

Positions, 1917—: Executive Secretary, Pennsylvania Committee on Women in Industry, 1917-18; Placement Agent, American Optical Company, Southbridge, Mass., 1918-20; Piece Worker, T. G. Plant Company, Boston, Mass., 1921-22; Investigator in Labor Survey, Cluett, Peabody & Company, Troy, N. Y., 1923; Personnel Worker, Mohawk Carpet Mills, Inc., Amsterdam, N. Y., 1923—.

TSIANG, MRS. TINGFU (see Dong, Nyok Zoe).

TUFTS, MRS. JOE (see Miller, Edith M.).

TUTTLE, LORNA MAY. 2316 Grand Avenue South, Minneapolis, Minn.
Grace H. Dodge Scholar in Social Economy and Social Research, 1925-26.

Academic Training: A.B., University of Minnesota, 1924.

Position, 1924-25: Social Service Investigator, Minneapolis General Hospital, Minneapolis.

Practicum: Lord & Taylor, New York; Leeds & Northrup Company, Philadelphia; Aberfoyle Manufacturing Company, Chester, Pa.; Gillette Razor Company, Boston.

Positions, 1926—: Medical Social Worker, University Hospital, University of Minnesota, 1926-27; Industrial Secretary, Central Y. W. C. A., Minneapolis, Minn., 1927—.

VÈZES, MADAME JEAN (see Sorbets, Marguerite).

WALDER, EMMI (Mrs. Fred Stucky)

Hinterer Gotterbarmweg 18, Basel, Switzerland

Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: University of Zurich, 1919; University of Berne, 1919-20, 1922-24; Ph.D., University of Berne, 1924.

Practicum: A. M. Collins Company, Philadelphia; Notaseme Hosiery Company, Philadelphia; Westinghouse Lamp Company, Bloomfield, N. J.

Position, 1927—: Teacher of Social Work, Normal School for Kindergarten Teachers, Basel.

WALLACE, ISABEL KING. 1712 Hammond Avenue, Superior, Wis.
Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922. Graduate Student, 1922-23. Master of Arts, 1923.

Academic Training: A.B., University of Rochester, 1916. M.A., Bryn Mawr College, 1923. Graduate Student, University of Chicago, 1925-26.
Positions, 1922—: Assistant Demonstrator in Psychology, Bryn Mawr College, 1922-23; Director, Industrial Service Centre, Y. W. C. A., Chicago, 1924-25; Director of Bureau of Tests and Measurements, and Teacher of Psychology, State Teacher's College, Superior, Wis., 1926—.

WATSON, AMEY EATON (Mrs. Frank D. Watson)

773 College Avenue, Haverford, Pa.

Graduate Student in Social Economy and Social Research, 1915-23.

Two year certificate, 1918. Doctor of Philosophy, 1924.

Academic Training: A.B., Women's College in Brown University, 1907; A.M., University of Pennsylvania, 1910; Graduate Student, Columbia University, 1913-14; Ph.D., Bryn Mawr College, 1924.

Positions, 1907—: Teacher, Miss Wheeler's School, Providence, R. I., 1907-08; Visitor, Association for Improving the Condition of the Poor, New York City, 1908-09; Research Worker, Eugenics Record Office, Cold Spring Harbor, N. Y., 1910-11; Research Worker, Agricultural College, Logan, Utah, 1911-12; Instructor, Department of Social Science, University of Utah, 1912; Special Agent, Federal Children's Bureau, 1916-18; Member of the faculty of the Pennsylvania School of Social and Health Work, 1918-26; Executive Secretary, Parents' Council of Philadelphia, 1925-26; Executive Secretary, Central Committee on Household Occupations, Philadelphia, 1927—.

WESTON, DOROTHY VIVIAN..... Weston's Mills, New York
Carola Woerishoffer Scholar in Social Economy and Social Research and College Settlements Association Fellow, 1915-16. Master of Arts, 1916.

Academic Training: A.B., Bryn Mawr College, 1914, and M.A., 1916.

Position, 1914-15: Resident, College Settlement, New York City.

Practicum: College Settlement, Philadelphia.

Positions, 1916—: Director of Girls' Work, Jan Hus Neighborhood House, New York City, 1916-17, and Head-Resident, 1917-18; Secretary to Personnel Manager, Engineering Department, Western Electric Company, New York City, 1921-23, and Personnel Research Assistant, 1923-27.

WHITE, JEANETTE OLIVIA (Mrs. John Clifford Farmer)

2632 South St. Louis Street, Tulsa, Okla.

Scholar in Social Economy and Social Research, June, 1918-February,

1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Missouri, 1917; University of Oklahoma, summer, 1916.

Practicum: The Hood Rubber Company, Watertown, Mass.; The United States Employment Service, Philadelphia.

Position, 1919-20: Industrial Surveyor, Industrial Section, Y. W. C. A., New York City.

WILDE, CONSTANCE ELIZABETH MARY

19 Merton Road, Walthamstow, London E. 17, England

British Graduate Scholar, 1921-22; Grace H. Dodge Fellow in Social Economy and Social Research, 1922-23. Two year certificate, 1923.

Academic Training: B. Com., University of Manchester, 1919; M. Com., 1920.

Position, 1919-21: Assistant Lecturer in Economics, Huddersfield Technical College, England.

Practicum: Lord & Taylor, New York City; R. H. Macy & Co., New York City; John Wanamaker, Philadelphia.

Positions, 1923—: Tutor, Workers' Education Association, London, 1923-24; Lecturer in Commerce, Middlesex County Council, London, 1924—.

WILLARD, MILDRED MCCREARY (Mrs. John F. Gardiner)

Haverford Gables, Haverford

Graduate Scholar in Psychology, 1917-18. One year certificate, 1918.

Academic Training: University of Pennsylvania, summer, 1916; A.B., Bryn Mawr College, 1917, and M.A., 1918.

Positions, 1917—: Teacher of Abnormal Children, Bryn Mawr School for Individual Development, Rosemont, Pa., 1917-18. Assistant Employment Manager, Strawbridge and Clothier Store, Philadelphia, 1918-22; Psychometrist, U. S. Veterans' Bureau, 1922-26; Psychometrist, Children's Hospital and Orthopedic Hospital, 1923—; Delaware Hospital, Wilmington, 1925—; Independent Business, 1925—.

WILLIAMS, ADA GRISWOLD (Mrs. Barton Joseph Rogers)
408 Michigan Avenue, Crystal Falls, Mich.
Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: A.B., University of Wisconsin, 1921.

Practicum: White-Williams Foundation, Philadelphia.

Positions, 1922—: Social Worker, Massachusetts General Hospital, Boston, 1922; Rochester Homeopathic Hospital, 1922-24; Family Welfare League, Milwaukee, Wis., 1924-25.

WILLIAMS, GRACE EDITH.....Y. W. C. A., Kansas City, Mo.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: Ph.B., Penn College, 1913.

Positions, 1906-20: Teacher, Public Schools, Oskaloosa, Iowa, 1906-08, 1910-11, 1913-14; General Secretary, Y. W. C. A., Muscatine, Iowa, 1915-17; Industrial Secretary, Cedar Rapids, Iowa, 1917-20.

Practicum: Leeds and Northrup Company, Philadelphia.

Positions, 1921—: Field Secretary, National Y. W. C. A., 1921-22; General Secretary, Lawrence, Mass., 1922-24; General Secretary, Kansas City, 1924—.

WITMER, HELEN LELAND...University of Minnesota, Minneapolis, Minn.
Carola Woerishoffer Fellow in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: A.B., Dickinson College, 1919; M.A., University of Wisconsin, 1923, and Fellow in Sociology, 1924-25; Ph.D., 1925; Fellow, Social Science Research Council, 1927-28.

Practicum: White-Williams Foundation, Philadelphia.

Positions, 1925—: Research Worker, Sleighton Farm, Darlington, Pa., 1925; Statistician Department of Mental Diseases, Boston, Mass., 1925-26; Assistant Professor, Social Hygiene Research, University of Minnesota, 1926-27.

WOOD, MARGARET WELLS (Mrs. Alexander James Wood)
146 East 37th Street, New York City
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1906.

Positions, 1906-17: Instructor, Ellsworth College, Iowa Falls, Iowa, 1906-08; Gilbert School, Winsted, Conn., 1908-11, and High School, New Britain, Conn., 1913; Instructor and Vice-Principal, High School, Derby, Conn., 1913-18; Worker in mills, summers, 1900-07.

Practicum: A. M. Collins Company, Philadelphia; Industrial Division, Y. W. C. A.

Positions, 1919—: Secretary on Relations with Employment, National Board, Y. W. C. A., New York City, 1919-21; National Industrial Secretary, Y. W. C. A. of Japan, 1921-23; Research Worker in Industrial Department, National Board, Y. W. C. A., New York City, 1924; Executive Secretary, New York Committee, Tsuda College Rebuilding Fund, 1924; Special Writing, 1924; Executive Secretary, Hospital Social Service Association of New York City, Inc., 1925-27.

WOODS, AGNES STERRETT.....168 West High Street, Carlisle, Pa.
Community Center Scholar in Social Economy and Social Research, 1919-21. Two year certificate, 1921. Graduate Student, 1924.

Academic Training: A.B., Dickinson College, 1917, and A. M., 1918; Graduate Student, Columbia University, 1927—.

Practicum: Bryn Mawr Community Center.

Positions, 1918-19: Office Assistant, Varick House, New York City, 1918; Employment Office, Y. W. C. A., New York City, 1918-19; Postmistress, Camp Altamont, 1919; Assistant to Librarian, Horace Mann School for Boys, 1925—.

ZRUST, JOSEPHINE LUCILLE.....Clarkson, Nebr.
Susan B. Anthony Scholar in Social Economy and Politics, 1919-20.

Academic Training: A.B., University of Nebraska, 1918, and M.A., 1919. Graduate Student, Columbia University, 1920-23; University of Prague, Czechoslovakia, 1923—.

Position, 1919: Graduate Assistant, University of Nebraska, six months.

Practicum: Bryn Mawr Community Center.

Positions, 1920—: Assistant, Czechoslovak Section, Foreign Language Information Service, A. R. C., New York City, 1920-21; Secretary for Czechoslovak Interests, National Y. W. C. A., New York City, 1921-23.

STUDENTS FOR THE YEAR 1927-28

- AHLERS, HARRIET HOWE**.....See page 45
Graduate Student in Social Economy and Social Research, 1927-28.
- BACHE, PRISCILLA**.....653 Chestnut Street, Waban, Mass.
Intercollegiate Community Service Association Fellow and Carola Woerishoffer Scholar in Social Economy and Social Research, 1927-28.
Academic Training: A.B., Smith College, 1927.
Practicum: Family Society, Philadelphia, and Judge Baker Foundation, Boston.
Positions, 1922-27: Telephone Operator, Newton Center, Mass., summer, 1923; Attendant, Peabody Home, Chestnut Hill, Mass., summer, 1923; Manager, "Hooked Rug Shop," Nantucket Island, summer, 1927.
- BLAIR, BERTHA**.....1819 East 7th Street, Duluth, Minn.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1927-28.
Academic Training: A.B., Macalester College, 1919.
Positions: Teacher, Public Schools, Duluth, Minn., 1919-20; Girl Reserve Secretary, Y. W. C. A., Kalamazoo, Mich., 1920-23; Stenographer, Duluth, Minn., 1924; Industrial Secretary, Y. W. C. A., Duluth, Minn., 1925-27.
- BEARD, BELLE BOONE**.....See page 45
Carola Woerishoffer Fellow in Social Economy and Social Research, 1927-28.
Practicum: Haverford Community Center; The Family Society, Philadelphia.
- COE, THELMA**.....4 Grove Avenue, Baltimore, Md.
Grace H. Dodge Scholar in Social Economy and Social Research, 1927-28.
Academic Training: A.B., Goucher College, 1927.
Practicum: Leeds & Northrup Company, Philadelphia, Pa.
- COFFIN, MAXINE**.....1243 41st Street, Des Moines, Iowa
Bryn Mawr Scholar, 1927-28.
Academic Training: A.B., Penn College, 1927.
Positions: Secretary to Dr. E. H. Stranahan, Penn College, 1923-27.
Practicum: Jordan Marsh Company, Boston; Collins Manufacturing Company, Philadelphia; Curtis Publishing Company, Philadelphia.
- FAIRCHILD, MILDRED**.....See page 52
Graduate Student in Social Economy and Social Research, 1927-28.
- FERNALD, ABBA**.....Winterport, Maine
Susan B. Anthony Scholar in Social Economy and Politics, 1927-28.
Academic Training: A.B., University of Maine, 1927.
Positions: Teacher of History and English, High School, Orono, Maine, 1927.
- GORDON, MILDRED**.....700 Prospect Street, Cleveland, Ohio
Grace H. Dodge Fellow in Social Economy and Social Research, 1927-28.
Academic Training: B.S., Simmons College, 1919; M.S., Graduate School of Applied Social Science, Western Reserve University, 1923.
Positions, 1921-27: Associated Charities, Cleveland, Ohio, 1921-27; Extension work, Hindman School, Hindman, Ky.; Instructor in Sociology, Schauffeleer School, Cleveland, 1925-27.
- HYMAN, ANNA**.....1915 Octavia Street, New Orleans, La.
Carola Woerishoffer Fellow in Social Economy and Social Research, 1927-28.
Academic Training: A.B., Newcomb College, Tulane University, 1926, and M.A., 1927.
Practicum: The Family Society, Philadelphia.
- INABNIT, MARGARET**.....1515 West 3rd Street, Bend, Ore.
Grace H. Dodge Scholar in Social Economy and Social Research, 1927-28.
Academic Training: A.B., University of Oregon, 1925; One-year certificate, Portland School of Social Work, 1927.
Positions: Secretary, Bend Chapter, A. R. C., 1927.
Practicum: Atlantic Refining Company, Philadelphia; Wm. Filene's Sons, Boston.

- MANBAR, ROSA.....Lwow, Poland
Grace H. Dodge Fellow in Social Economy and Social Research, 1927-28.
Academic Training: Ph.D., University of Vienna, 1923; Teacher's Diploma, University of Krakow, 1925. Graduate Student, Columbia University and New York School of Social Work, 1926-27.
Positions: Teacher of Physics and Mathematics, High School, Lwow, Poland, 1918-26. Worker with children.
- NEELY, ANNE ELIZABETH..1553 East Montgomery Avenue, Philadelphia
Academic Training: A.B., Cornell University, 1919, and M.A., University of Chicago, 1922.
Positions 1923-26: Assistant Dean of Women, Cornell University.
Practicum: White-Williams Foundation, Philadelphia.
- SHAPIRO, LILLIAN.....320 Beach 43rd Street, Edgemere, L. I.
Robert G. Valentine Scholar in Social Economy and Social Research, 1927-28.
Academic Training: A.B., Hunter College, 1927; Student in Law, New York University, 1926-27.
Positions 1925-27: Teacher of English, French and Spanish, Manhattan Preparatory School, New York City.
Practicum: Jewish Welfare Society, Philadelphia.
- SHAW, ANNIE.....Merchiston, Uddingston, Lanarkshire, Scotland
British Graduate Scholar, 1927-28.
Academic Training: M.A., Edinburgh University; Post Graduate Diploma, Edinburgh School of Social Study, 1927.
- WHITE, MARCELLA.....165 Knoles Way, Stockton, Calif.
Grace H. Dodge Scholar in Social Economy and Social Research, 1927-28.
Academic Training: A.B., College of the Pacific, 1927.
Practicum: Haverford Community Center; University Settlement, Philadelphia; East Side House Settlement, New York City.
- WRIGHT, AUDREY.....514 Tea Street, N. W., Washington, D. C.
Graduate Student in Social Economy and Social Research, 1927-28.
Academic Training: A.B., Oberlin College, 1927.
Practicum: Haverford Community Center; Urban League, New York City.

BRYN MAWR COLLEGE

CALENDAR

UNDERGRADUATE AND GRADUATE COURSES

1928

BRYN MAWR, PENNSYLVANIA

Published by Bryn Mawr College

Vol. XXI. Number 2. May, 1928.

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BRYN MAWR COLLEGE CALENDAR

1928

- Number 1. Announcement of Carola Woerishoffer Department.
- Number 2. Undergraduate and Graduate Courses.
- Number 3. Graduate Courses.
- Number 4. Academic Buildings and Halls of Residence,
Plans and Descriptions.

BRYN MAWR COLLEGE

1928														1929														1930													
JANUARY							JULY							JANUARY							JULY							JANUARY													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
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8	9	10	11	12	13	14	8	9	10	11	12	13	14	6	7	8	9	10	11	12	13	14	7	8	9	10	11	12	13	14	5	6	7	8	9	10					
15	16	17	18	19	20	21	15	16	17	18	19	20	21	13	14	15	16	17	18	19	20	21	14	15	16	17	18	19	20	21	12	13	14	15	16	17					
22	23	24	25	26	27	28	22	23	24	25	26	27	28	20	21	22	23	24	25	26	27	28	18	19	20	21	22	23	24	25	26	27	28	29	30						
29	30	31					29	30	31					27	28	29	30	31				26	27	28	29	30	31														
FEBRUARY							AUGUST							FEBRUARY							AUGUST							FEBRUARY													
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12	13	14	15	16	17	18	12	13	14	15	16	17	18	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29								
19	20	21	22	23	24	25	19	20	21	22	23	24	25	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31													
26	27	28	29				26	27	28	29	30	31		24	25	26	27	28																							
MARCH							SEPTEMBER							MARCH							SEPTEMBER							MARCH													
4	5	6	7	8	9	10	2	3	4	5	6	7	8	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29								
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31													
25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30	31																				
APRIL							OCTOBER							APRIL							OCTOBER							APRIL													
1	2	3	4	5	6	7	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6								
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15	16	17	18	19	20	21	14	15	16	17	18	19	20	13	14	15	16	17	18	19	12	13	14	15	16	17	18	13	14	15	16	17	18								
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29	30						28	29	30	31				27	28	29	30	31			16	17	18	19	20	21	22	17	18	19	20	21	22								
MAY							NOVEMBER							MAY							NOVEMBER							MAY													
6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11	3	4	5	6	7	8	9	4	5	6	7	8	9								
13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16	11	12	13	14	15	16								
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27	28	29	30	31			25	26	27	28	29	30		26	27	28	29	30	31		24	25	26	27	28	29	30	25	26	27	28	29	30								
JUNE							DECEMBER							JUNE							DECEMBER							JUNE													
3	4	5	6	7	8	9	2	3	4	5	6	7	8	2	3	4	5	6	7	8	1	2	3	4	5	6	7	1	2	3	4	5	6								
10	11	12	13	14	15	16	9	10	11	12	13	14	15	9	10	11	12	13	14	15	8	9	10	11	12	13	14	8	9	10	11	12	13								
17	18	19	20	21	22	23	16	17	18	19	20	21	22	16	17	18	19	20	21	22	22	23	24	25	26	27	28	22	23	24	25	26	27								
24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29	29	30	31					29	30												

The forty-fourth academic year will close with the conferring of Degrees at eleven o'clock, on June 5, 1929.

COLLEGE CALENDAR

1928-29

FIRST SEMESTER

College Entrance Board Examinations begin.....	September 17
College Entrance Examinations end.....	September 21
Halls of Residence open to the entering class at 3 P. M.....	September 26
Registration of incoming students.....	September 27
Registration of students. Halls of Residence open to all students at 9 A. M.....	October 1
Examinations for advanced standing begin.....	October 1
Deferred and condition examinations begin.....	October 1
The work of the forty-fourth academic year begins at 8.45 A. M.....	October 2
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 6
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 6
Deferred and condition examinations end.....	October 6
Examinations for advanced standing end.....	October 6
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 13
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 13
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 21
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 24
Thanksgiving vacation begins at 12.45 P. M.....	November 28
Thanksgiving vacation ends at 9 A. M.....	December 3
Ph.D. Language examinations.....	December 8
Christmas vacation begins at 12.45 P. M.....	*December 21
Christmas vacation ends at 9 A. M.....	January 7
Last day of lectures.....	January 18
Half-yearly collegiate examinations begin.....	January 21
Ph.D. Language examinations.....	January 21
Collegiate examinations end.....	February 1
Annual meeting of the Alumnae Association.....	February 2
Vacation.....	February 4

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 5
Announcement of European Fellowships.....	March 15
Mid-semester examination in matriculation Greek.....	March 19
Spring vacation begins at 12.45 P. M.....	*March 29
Spring vacation ends at 9 A. M.....	April 8
Deferred and condition examinations begin.....	April 9
Deferred and condition examinations end.....	April 11
Ph.D. Language examinations.....	April 13

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Examinations in French for Juniors.....	May 4
Examinations in German for Juniors.....	May 11
Last day of lectures.....	May 17
Collegiate examinations begin.....	May 20
Collegiate examinations end.....	May 31
Baccalaureate Sermon.....	June 2
Conferring of degrees and close of forty-fourth academic year.....	June 5

COLLEGE CALENDAR

1929-30

FIRST SEMESTER

College Entrance Board Examinations begin.....	September 16
College Entrance Board Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 25
Registration of incoming students.....	September 26
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 30
Examinations for advanced standing begin.....	September 30
Deferred and condition examinations begin.....	September 30
The work of the forty-fifth academic year begins at 8.45 A. M.....	October 1
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 5
Deferred and condition examinations end.....	October 5
Examinations for advanced standing end.....	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 20
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 23
Thanksgiving vacation begins at 12.45 P. M.....	November 27
Thanksgiving vacation ends at 9 A. M.....	December 2
Ph.D. Language examinations.....	December 7
Christmas vacation begins at 12.45 P. M.....	*December 20
Christmas vacation ends at 9 A. M.....	January 6
Last day of lectures.....	January 17
Half-yearly collegiate examinations begin.....	January 20
Ph.D. Language examinations.....	January 20
Collegiate examinations end.....	January 31
Annual meeting of the Alumnæ Association.....	February 1
Vacation.....	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 4
Mid-semester examination in matriculation Greek.....	March 18

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Announcement of European Fellowships.....	March 21
Spring vacation begins at 12.45 P. M.....	*March 28
Spring vacation ends at 9 A. M.....	April 7
Deferred and condition examinations begin.....	April 8
Deferred and condition examinations end.....	April 10
Ph.D. Language examinations.....	April 12
Examinations in French for Juniors.....	May 3
Examinations in German for Juniors.....	May 10
Last day of lectures.....	May 16
Collegiate examinations begin.....	May 19
Collegiate examinations end.....	May 29
Baccalaureate Sermon.....	June 1
Conferring of degrees and close of forty-fifth academic year.....	June 4

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured, and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College always has believed in the value of small classes and limits the total enrollment of undergraduates to about four hundred, and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Comparative Philology and Linguistics	Philosophy
Greek	Psychology
Latin	Education
English	Classical Archæology
French	History of Art
Italian	Music
Spanish	Mathematics
German	Physics
Biblical Literature	Chemistry
History	Geology
Economics and Politics	Biology
Social Economy	

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CAROLINE MCCORMICK SLADE†

AGNES BROWN LEACH‡

ANNA BELL LAWTHER,

Alumnæ Director, 1923-28

RUTH FURNESS PORTER§

Alumnæ Director, 1924-29

FRANCES FINCKE HAND,**

Alumnæ Director, 1925-30

MARY PEIRCE,

Alumnæ Director, 1926-31

MARGARET REEVE CARY,***

Alumnæ Director, 1927-32

* Mrs. William Coffin Ladd.

† Mrs. F. Louis Slade.

‡ Mrs. Henry Goddard Leach.

§ Mrs. James Foster Porter.

** Mrs. Learned Hand.

*** Mrs. C. Reed Cary.

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OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1927-28

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

President's Representative for Graduate Students

EUNICE MORGAN SCHENCK, PH.D. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Assistant to the Dean

ELLEN FAULKNER, M.A. Office: Taylor Hall.

Wardens of the Halls of Residence

FRIEDRIKA MARGRETHA HEYL, A.B., Radnor Hall.

JOSEPHINE FISHER, A.B., Pembroke Hall (*Head*).

ANN ELIZABETH NEELY, M.A., Pembroke Hall (*Assistant*).

HELEN LORD SMITH, A.B., Rockefeller Hall.

HENRIETTA COOPER JENNINGS, PH.D., Denbigh Hall.

KATHARINE MARY PEEK, A.B., Merion Hall.

ESTHER LOWREY RHOADS, A.B., Wyndham.

Director of Halls

ELLEN FAULKNER, M.A. Office: Rockefeller Hall.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Director of Physical Training and Supervisor of Health

CONTANCE M. K. APPLEBEE. Office: The Gymnasium.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Examining Oculist

HELEN MURPHY, M.D. Office: 1427 Spruce Street, Philadelphia.

ACADEMIC APPOINTMENTS

TEACHING

ACADEMIC YEAR, 1927-28

MARION EDWARDS PARK, PH.D., LL.D., *President of the College.*

A.B., Bryn Mawr College, 1898, M.A., 1899, and Ph.D., 1918. Holder of the Bryn Mawr European Fellowship, 1898-99, and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06, and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B., Cornell University, 1877; studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81; Ph.D., University of Zurich, 1882. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94; President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING, PH.D., *Dean of the College.*

A.B., Bryn Mawr College, 1915; M.A., Yale University, 1916, and Ph.D., 1924. Dean of Bryn Mawr College, 1917-19, and Acting President, 1919-20.

FLORENCE BASCOM, PH.D., *Professor of Geology.*

A.B., University of Wisconsin, 1882, B.Sc., 1884, and M.A., 1887. Johns Hopkins University, 1891-93; Ph.D., Johns Hopkins University, 1893. Assistant in Geology and Instructor in Petrography, Ohio State University, 1893-95.

WILMER CAVE WRIGHT, * PH.D., *Professor of Greek.*

Shrewsbury, England. Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94, and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96.

JAMES H. LEUBA, PH.D., *Professor of Psychology.*

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Ph.D., Ursinus College, 1888; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

HENRY NEVILL SANDERS, PH.D., *Alumnae Professor of Greek.*

Edinburgh, Scotland. A.B., Trinity University, Toronto, 1894, and M.A., 1897; Ph.D., Johns Hopkins University, 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902.

WILLIAM BASHFORD HUFF, PH.D., *Professor of Physics.*

A.B., University of Wisconsin, 1889; M.A., University of Chicago, 1896; Ph.D., Johns Hopkins University, 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01, and Instructor in Physics, 1901-02.

WILLIAM ROY SMITH, PH.D., *Professor of History.*

A.B., University of Texas, 1897, and M.A., 1898; Ph.D., Columbia University, 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnae Professor of English.*

A.B., Bryn Mawr College, 1893; University of Oxford, England, and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95.

DAVID HILT TENNENT, PH.D., *Professor of Biology.*

B.S., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904, and 1912.

JAMES BARNES, PH.D., *Professor of Physics.*

Halifax, Nova Scotia. B.A., Dalhousie University, Honours in Mathematics and Physics, 1899, and M.A., 1900; Ph.D., Johns Hopkins University, 1904. Holder of 1851 Exhibition Science Research Scholarship, 1900-03; Fellow, Johns Hopkins University, 1903-04, and Assistant in Physics, 1904-06; Resident Fellow, University of Manchester, 1915.

* Granted leave of absence for the year 1928-29.

- THEODORE DE LEO DE LAGUNA, PH.D., *Professor of Philosophy*.
A.B., University of California, 1896, and M.A., 1899; Ph.D., Cornell University, 1901.
Teacher in the Government Schools of the Philippine Islands, 1901-04; Honorary
Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor
of the Philosophy of Education, University of Michigan, 1905-07.
- MARION PARRIS SMITH, PH.D., *Professor of Economics and Politics*.
A.B., Bryn Mawr College, 1901, and Ph.D., 1908. Graduate Student, Bryn Mawr Col-
lege, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research
Fellow and Student in Economics and Politics, University of Vienna, 1906-07.
- CLARENCE ERROL FERREE,* PH.D., *Professor of Experimental Psychology
and Director of the Psychological Laboratory*.
B.S., Ohio Wesleyan University, 1900, M.A., 1901, and M.S., 1902; Ph.D., Cornell Uni-
versity, 1909. Fellow in Psychology, Cornell University, 1902-03; Assistant in Psychology,
Cornell University, 1903-07.
- GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Associate Professor of Philosophy*.
A.B., Cornell University, 1903, and Ph.D., 1906. Sage Scholar in Philosophy, Cornell
University, 1903-05; Alice Freeman Palmer Fellow in Wellesley College, 1905-06;
Reader in Philosophy, Bryn Mawr College, 1907-08.
- REGINA KATHARINE CRANDALL, PH.D., *Margaret Kingsland Haskell Pro-
fessor of English Composition*.
A.B., Smith College, 1890; Ph.D., University of Chicago, 1902. Graduate Student,
University of Chicago, 1893-94, and Fellow in History, 1894-96; Assistant in History,
Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900.
- EUNICE MORGAN SCHENCK, PH.D., *Professor of French and President's
Representative for Graduate Students*.
A.B., Bryn Mawr College, 1907, and Ph.D., 1913. Graduate Student, Bryn Mawr College,
1909, Graduate Scholar, 1909-10, and Fellow in Romance Languages, 1912-13; Presi-
dent's European Fellow and Student in the Sorbonne, Collège de France, University of
Grenoble, and in Madrid, 1910-12; Dean of Bryn Mawr College, 1916-17.
- SAMUEL CLAGGETT CHEW, PH.D., *Professor of English Literature*.
A.B., Johns Hopkins University, 1909, and Ph.D., 1913. Fellow, Johns Hopkins Uni-
versity, 1910-12; English Master, Hotchkiss School, Lakeville, Conn., 1913-14.
- SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social
Economy and Director of the Carola Woerishoffer Department of Social
Research*.
A.B., College of the Pacific, 1890; M.A., Leland Stanford Jr. University, 1899; Ph.D.,
Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder
of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-
04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massa-
chusetts Commission on Industrial and Technical Education, 1905-06; Instructor in
History and Economics and Head of Department, Simmons College, 1906-07; Assistant,
Associate, and Professor in Economics, Simmons College, and Director of the Department
of Research, Women's Educational and Industrial Union, Boston, 1907-15.
- GEORGIANA GODDARD KING,* M.A., *Professor of the History of Art*.
A.B., Bryn Mawr College, 1896, and M.A., 1897. Fellow in Philosophy, Bryn Mawr
College, 1896-97, and Fellow in English, 1897-98; Collège de France, First Semester,
1898-99.
- RHYS CARPENTER,† PH.D., *Professor of Classical Archaeology*.
A.B., Columbia University, 1909, and Ph.D., 1916; B.A., University of Oxford, 1911, and
M.A., 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-
11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School
of Classical Studies in Athens, 1912-13; Absent for Military Service, 1917-19.
- CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science*.
A.B., Loyola College, 1907; Ph.D., Johns Hopkins University, 1912. Student of Political
Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law
in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg,
Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.
- HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History*.
A.B., University of Rochester, 1897; A.B., Harvard University, 1898, M.A., 1900, and
Ph.D., 1907. Instructor in History, Harvard University, 1909-13, and Assistant Pro-
fessor of History, 1914-15. Absent for Military Service, 1918-19.

* On leave of absence, 1927-28.

† Granted leave of absence for the years 1926-29.

- JAMES LLEWELLYN CRENSHAW, * Ph.D., *Professor of Physical Chemistry*. A.B., Centre College, 1907, and M.A., 1908; Ph.D., Princeton University, 1911. Assistant Chemist in the Geo-Physical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15. Absent for Military Service, 1917-19.
- SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction*. London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902.
- CHARLES WENDELL DAVID, Ph.D., *Professor of European History*. A.B., University of Oxford, 1911; M.A., University of Wisconsin, 1912; Ph.D., Harvard University, 1918; Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18.
- MARCELLE PARDÉ, *Agrégée des Lettres, Associate Professor of French*. Beauvais, Oise, France. Ecole Normale Supérieure de Sèvres, 1911-14. Teacher in the Lycée, Chaumont, Haute Marne, 1915-19; Student in the Sorbonne, 1911-16; *Agrégée des lettres*, University of Paris, 1917.
- EDUARD PROKOSCH, Ph.D., *Professor of German, Semester I*. Eger, Bohemia. University of Prague, 1894-95; University of Vienna, 1895-97; University of Chicago, 1899-1904; *Staats Examen*, 1897; M.A., University of Chicago, 1901; University of Leipzig, 1904-05; Ph.D., University of Leipzig, 1905. Instructor in German, Francis W. Parker School and School of Education, University of Chicago, 1901-02; Instructor in German Department, University of Chicago, 1902-04; University of Wisconsin, 1905-09; Assistant Professor of German and Comparative Philology, University of Wisconsin, 1909-13; Professor of Germanic Philology, University of Texas, 1913-19.
- FRANZ SCHRADER, † Ph.D., *Associate Professor of Biology*. B.S., Columbia University, 1914, and Ph.D., 1919. Scientist for the Bureau of Fisheries, Department of Commerce, Washington, D. C., 1915-16, and summer of 1917; and Pathologist, 1919 to January 31, 1921. Assistant in Zoology, Columbia University, 1918-19.
- MARY HAMILTON SWINDLER, Ph.D., *Associate Professor of Latin and Classical Archaeology*. A.B., University of Indiana, 1905, and M.A., 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07, and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913.
- HENRIETTA ADDITON, M.A., *Non-resident Lecturer in Social Economy (Social Guardianship)*. A.B., Piedmont College, 1907; M.A., University of Pennsylvania, 1911; Fellow, University of Pennsylvania, 1910-11, 1912-13. Instructor, History and Civics, Piedmont College, 1908-10; Agent, Philadelphia Society for Organizing Charity, 1913-14; Probation Officer and Case Supervisor, Philadelphia Municipal Court, 1914-16; in Charge, Probation Department, Juvenile Court, 1917; Assistant Director and Director, Section on Women and Girls, Law Enforcement Division, Commission on Training Camp Activities, War Department, 1918-19; Executive Assistant and Director, Field Service, Women and Girls, United States Interdepartmental Social Hygiene Board, 1919-22; Executive Secretary, Big Sisters Association of Philadelphia, 1922-.
- SUSAN HELEN BALLOU, * Ph.D., *Associate Professor of Latin*. Ph.B., University of Chicago, 1897; Ph.D., University of Giessen, 1912. Graduate Scholar in Latin, University of Chicago, 1897-98, Assistant in Latin, 1898-1900, and Associate in Latin, 1901-07; Traveling Fellow of the Association of Collegiate Alumnae at the American School of Classical Studies, Rome, 1901-02; Student of Palaeography in Rome, 1903-04, and Carnegie Research Fellow in Latin Literature, American School of Classical Studies, Rome, 1905-06; Student, Universities of Göttingen and Giessen, 1910, 1911; Instructor in Latin, University of Chicago, 1907-15; in charge of Latin Department, Michigan Western State Normal School, 1915-17; Instructor in History, University of Wisconsin, 1917-20.
- HORACE ALWYNE, F.R.M.C.M., *Professor of Music and Director of the Department of Theoretical Music*. Manchester, England. Holder of Sir Charles Hallé Memorial Scholarship, 1909-12. Gold Medalist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin).

* Granted leave of absence for the year 1928-29.

† On leave of absence, semester II, 1927-28.

ROGER HEWES WELLS,* Ph.D., Associate Professor of Economics and Politics.
A.B., Northwestern University, 1916; M.A., Harvard University, 1921, and Ph.D., 1923.
Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in
Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College,
1922-23.

DAVID VERNON WIDDER, Ph.D., Associate Professor of Mathematics.
A.B., Harvard University, 1920, M.A., 1923, and Ph.D., 1924. Instructor in Mathematics,
Harvard University, 1921-23.

JOSEPH EUGENE GILLET, Ph.D., Associate Professor of Spanish.
Ph.D., University of Liège, 1910. Assistant Lecturer in French, University of Edin-
burgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-
13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative
Literature and Romance Languages, University of Illinois, 1915-18; absent for Military
Service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Lan-
guages, University of Minnesota, 1921-24.

HORNELL HART, Ph.D., Associate Professor of Social Economy.
A.B., Oberlin College, 1910; M.A., University of Wisconsin, 1914; Ph.D., University of
Iowa, 1921. Graduate Student and Assistant in Sociology, University of Wisconsin,
1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social
Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21;
Research Associate Professor in Sociology in the University of Iowa, and Head of the
Sociological Division of the Iowa Child Welfare Research Station, 1921-24.

DOROTHY MCDANIEL SELLS,* Ph.D., Associate in Social Economy.
A.B., Wellesley College, 1916; M.A., University of Chicago, 1917; Ph.D., London School
of Economics, 1923; Special Agent, U. S. Bureau of Labor Statistics, 1917-18; Employ-
ment Manager for Women, Watervliet Arsenal, 1918-19; Director, Industrial Education
for Women, Texas, 1919-20; Inspector of Canneries, Industrial Welfare Commission of
California, summer of 1920; Graduate Student, London School of Economics, 1920-23;
Research Worker, Labor Section of the League of Nations at Geneva, six months in
1922-23.

AGNES LOW ROGERS, Ph.D., Professor of Education and Psychology.
M.A., St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences
Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion
Kennedy Student and Research Scholar, Columbia University, 1914-15, Research
Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Educa-
tion, Goucher College, 1918-23; Professor of Education and Psychology, Smith College,
1923-25.

MAX DIEZ, Ph.D., Associate Professor of German Literature.
A.B., Washington University, 1909, and M.A., 1910. Ph.D., University of Texas, 1916.
Fellow in German, Washington University, 1909-10; Assistant in German, University
of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assis-
tant Professor of German, University of Texas, 1915-18; War Service, 1918-19; Pro-
fessor of German, Centre College, 1921-25.

LOUIS FREDERICK FIESER, Ph.D., Associate Professor of Chemistry.
A.B., Williams College, 1920; M.A., Harvard University, 1921, and Ph.D., 1924; Assistant
in Chemistry, Harvard University, 1921-22; Harris Fellow in Chemistry, 1922-23;
and Sheldon Travelling Fellow, and student, Universities of Frankfurt and Oxford,
1924-25.

HENRY JOEL CADBURY, Ph.D., Professor of Biblical Literature.
A.B., Haverford College, 1903; M.A., Harvard University, 1904, and Ph.D., 1914. Master
in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor
in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11;
Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testa-
ment Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old
Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of
New Testament Interpretation, Harvard University, 1922-26.

ERNST DIEZ, Ph.D., Associate Professor of the History of Art.
Vienna, Austria. Ph.D., University of Graz, Styria, 1902. Assistant in the Department
of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the
Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919, and
Associate Professor, 1924-26.

LILY ROSS TAYLOR, Ph.D., Professor of Latin.
A.B., University of Wisconsin, 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar
in Latin, 1906-07, and Fellow in Latin, 1907-08; Reader and Demonstrator in Archæol-
ogy, Bryn Mawr College, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow
of the American Academy in Rome, 1917-18, 1919-20. Assistant Professor of Latin,
1919-22, Associate Professor, 1922-25, and Professor, 1925-27.

* On leave of absence, 1927-28.

HENRI PEYRE, *Agrégé de l'Université, Associate in French.*

Paris, France. *Licencié-ès-Lettres*, 1922, and *Agrégé de l'Université*, University of Paris, 1924. Student of the Ecole Normale Supérieure, 1920-24.

MARGARET GILMAN, Ph.D., *Associate in French.*

A.B., Bryn Mawr College, 1919, M.A., 1920, and Ph.D., 1924. Graduate Scholar in French, 1919-20, and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres, and Student, University of Paris, 1922-23.

CHARLES SPARLING EVANS, Ph.D., *Associate in Geology.*

B.A.Sc., University of British Columbia, 1924; Ph.D., Princeton University, 1927. Graduate Student, Princeton University, 1924-26, and Fellow in Geology, 1926-27.

VITO G. TOGLIA, M.A., *Associate in Italian.*

A.B., Harvard University, 1912, and M.A., Columbia University, 1921. Teacher of Latin, Ancient History and Italian in secondary schools, New York City, 1912-20; Graduate Student and Instructor in Italian, Columbia University, 1920-27.

RUTH GEORGE, A.B., *Associate in English.*

A.B., Cornell University, 1911. Assistant Reader in English, Bryn Mawr College, 1911-12; Teacher in the District School, Scottsdale, Ariz., 1912-14; at Miss Madeira's School, Washington, D. C., 1915-19; at Miss Ransom and Miss Bridges' School, Piedmont, California, 1919-21, 1923-24, and 1925-27; at the Shipley School, Bryn Mawr, 1924-25.

PRENTICE DUELL, M.Arch., *Lecturer in Archaeology.*

A.B., University of California, 1916; M.Arch., Harvard University, 1923. Research in Southwest on Spanish Mission Churches, 1916-17; Absent for Military Service, 1917-19; Student, University of Pennsylvania, School of Architecture, 1919-20; Member of Expedition into Mexico for the Study of Spanish Mission Churches, 1920-21; Instructor in Architectural History, University of Illinois, 1921-22; Charles Eliot Norton Fellow from Harvard University at the American School of Classical Studies in Athens, 1923-25; Assistant Professor of History of Architecture, University of Cincinnati, 1925-26, and Professor of History of Architecture, 1926-27.

NATHANIEL E. GRIFFIN, Ph.D., *Lecturer in English.*

A.B., Johns Hopkins University, 1894, and Ph.D., 1899. Instructor in English, University of Iowa, 1899-1900; Professor of English, Wells College, 1900-03; Instructor in English, University of Vermont, 1903-04, and at Johns Hopkins University, 1904-05; Assistant Professor of English, Princeton University, 1905-19; Professorial Lecturer in English, University of Minnesota, 1919-20; Professor of English, University of Chattanooga, 1920-21; Instructor in English, University of Pennsylvania, 1921-25; Editorial Staff, Webster's International Dictionary, 1925-27.

LOUISE LITTIG SLOAN, Ph.D., *Lecturer in Experimental Psychology.*

A.B., Bryn Mawr College, 1920; Ph.D., 1926. Assistant Demonstrator and Graduate Scholar in Psychology, Bryn Mawr College, 1920-21; Graduate Student, Johns Hopkins University, 1921-22; Fellow in Psychology, Bryn Mawr College, 1922-24; Research Assistant, Munsell Research Laboratory, Baltimore, 1924-27.

ALICE SQUIRES CHEYNEY, Ph.D., *Lecturer in Social Economy and Social Research.*

A.B., Vassar College, 1909; Ph.D., University of Pennsylvania, 1923. Student, Training Course for Social Workers, Philadelphia, 1909-10; Agent of the Philadelphia Children's Bureau, 1909-11; Investigator for the Philadelphia Consumer's League, 1913-14; Graduate Student, Bryn Mawr College, 1915-16, and University of Wisconsin, 1916-17; Graduate Scholar, Bryn Mawr College, 1917-18; Lecturer, Pennsylvania School for Social Work; Substitute Secretary for the Pennsylvania Branch of the Women's International League for Peace and Freedom, 1925; Teacher and Research Worker, Robert Brookings Graduate School of Economics and Government, Washington, 1925-27.

ILSE FOREST, Ph.D., *Associate and Associate Professor-elect of Education.*

B.S., Teacher's College, Columbia University, 1922; M.A., 1923; Ph.D., Columbia University, 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Teacher's College, 1925-26; Professor of Child Psychology, Iowa State Teacher's College, 1926-27.

STEPHEN JOSEPH HERBEN, Ph.D., *Associate Professor-elect of English.*

B.Litt., Rutgers University, 1920; M.A., Princeton University, 1921, and Ph.D., 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English at Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924—.

FRITZ MEZGER, Ph.D., Associate Professor-elect of Germanic Philology.

Studied at the University of Tübingen, 1911-12; University of Munich, 1912-13; University of Geneva, 1913; University of Paris, 1913-14; University of Munich, 1919; University of Berlin, 1920-22; Ph.D., University of Berlin, 1921; Instructor in German, Harvard University, 1927-28.

ELEANOR GRACE CLARK, M.A., Associate-elect in English.

A.B., Oberlin College, 1918, and M.A., 1918. Teacher of English in St. Helen's Hall, Portland, Ore., 1918-20, and in the Friends School, Moorestown, N. J., 1922-23; Graduate Student, Bryn Mawr College, 1921-24; Reader in English, 1923-24; Student, University of London, and Helene and Cecil Rubel Foundation Fellow, 1924-25. Reader in English, Bryn Mawr College, 1925-26, and Instructor, 1926-27. Graduate Scholar in English, 1927-28.

T. R. S. BROUGHTON, Ph.D., Associate-elect in Latin.

A.B., University of Toronto, 1922; Ph.D., Johns Hopkins University, February, 1928. Student, University of Chicago, 1922-23, and summer 1923. Student, Johns Hopkins University, 1925-26; Instructor in Greek, Amherst College, 1926-27.

MARLAND BILLINGS, Ph.D., Associate-elect in Geology.

A.B., Harvard University, 1923; M.A., 1925; and Ph.D., 1927. Instructor in Geology, Harvard University, 1927-28.

ELEANOR LANSING DULLES, Ph.D., Associate-elect in Social Economy and Social Research.

A.B., Bryn Mawr College, 1917, and M.A., 1920; Ph.D., Radcliffe College, 1926. Relief Worker in Paris, 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gembly, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22, and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28.

JEAN CANU, Agrégé de l'Université, Associate Professor-elect of French.

Paris, France. *Licencié-ès-lettres*, 1917, and *Agrégé de l'Université*, University of Paris, 1920. Professor at the Lycée of Algiers, 1920-21, at the Lycée of Beauvais, 1921-23, at the Lycée of Bordeaux, 1923-26, Laura Spelman Rockefeller Memorial Fellow, 1926-28.

HARRY HELSON, Ph.D., Associate Professor-elect of Experimental Psychology.

A.B., Bowdoin College, 1921; M.A., Harvard University, 1922, and Ph.D., 1924; Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28.

MARGARET MILLICENT CAREY, Ph.D., Instructor and Associate-elect in English and Assistant-elect to the Dean.

A.B., Bryn Mawr College, 1920; Ph.D., Johns Hopkins University, 1926. Secretary in Y. W. C. A., Baltimore, 1920-21; Graduate Student, Newnham College, Cambridge University, 1921-22; and Johns Hopkins University, 1923-26. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-23.

GRACE FRANK, A.B., Non-resident Associate Professor in Romance Philology.

A.B., University of Chicago, 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19.

BEVERIDGE JAMES MAIR, Ph.D., Lecturer-elect in Chemistry.

B.A., University of Alberta, 1924; Ph.D., Harvard University, February, 1928. Part-time student and part-time Assistant in Chemistry, Harvard University, 1924-28.

NATALIE GIFFORD, Ph.D., Lecturer-elect in Greek.

A.B., Radcliffe College, 1918; M.A., 1927, and Ph.D., 1928. Teacher in public schools, 1918-20; Student in the School of Education, Harvard University, 1920-21; Teacher in the High School, Wayland, Massachusetts, 1921-22 and 1923-24; Charles Eliot Norton Fellow, American School at Athens, 1922-23; Instructor in Greek, Smith College, 1924-26; Student at Radcliffe College, 1926-28.

DOROTHEA EGGLESTON SMITH, Ph.D., Lecturer in Physiology and Biochemistry.

A.B., Radcliffe College, 1913; M.A., 1924; and Ph.D., 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27.

JOHN DICKINSON, PH.D., LL.B., *Non-resident Lecturer in Economics and Politics.*

A.B., Johns Hopkins University, 1913; M.A., Princeton University, 1915, and Ph.D., 1919; LL.B., Harvard University, 1921. Lecturer in History, Amherst College, 1919; Tutor and Lecturer in the Division of History, Government and Economics, Harvard University, 1920-21 and 1924-27.

ANNA JOHNSON PELL-WHEELER, PH.D., *Non-resident Lecturer-elect in Mathematics.*

A.B., University of South Dakota, 1903; M.S., University of Iowa, 1904; M.A., Radcliffe College, 1905; Ph.D., University of Chicago, 1910; Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14, and Associate Professor of Mathematics, 1914-18.

BARRETT H. CLARK, Non-resident Lecturer in English.

Student, University of Chicago, 1908-09 and 1911-12, and University of Paris, 1910. Actor and Assistant Stage Manager with Mrs. Fiske, 1912-13; Instructor in Drama, Chautauqua, New York, 1909-17; Literary Editor of Samuel French and Dramatic Editor for *Drama Magazine*.

LILLIAN MOLLER GILBRETH, PH.D., *Non-resident Lecturer in Social Economy.*

B.Litt., University of California, 1900, and M.Litt., 1902; Ph.D., Brown University, 1915. President, Gilbreth, Inc., consulting engineers in management. Director of Courses in Motion Study, Gilbreth Laboratories, Montclair, N. J.

ELIZABETH YOUNG, M.A., *Lecturer in Education, Semester II.*

A.B., University of Georgia, 1923; M.A., University of South Carolina, 1925. Supervisor in the Elementary Training School, State Normal School, Athens, Georgia, 19—; Instructor in Education, University of Georgia, summers of 1913, 1914, 1915, 1916; Instructor in Education, Tulane University, summer of 1923; Supervisor of Primary Education in the City Schools of Columbia, South Carolina, 1923-25; Larned Scholaa, Teachers College, Columbia University, 1926-27.

HARRIET M. BARTHELMLESS, M.A., *Non-resident Lecturer in Education, Semester II.*

A.B., Teachers College, Columbia University, 1921; M.A., 1922. Teacher at Teacher's Semester I, 1922-23; Director of Research and Measurements, Trenton State Normal School, 1923-27; ———, Division of Research, Philadelphia Public Schools, 1927-28.

HERMANN J. WEIGAND, PH.D., *Non-resident Lecturer in German Literature, Semester II.*

A.B., University of Michigan, 1913, and Ph.D., 1916. Teaching Assistant in German, University of Michigan, 1913-14, and Instructor in German, 1914-18. Instructor in German, University of Pennsylvania, 1919-22, and Assistant Professor of German, 1922—. In charge of the work in German language and diction at the Curtis Institute of Music, 1924—. Jusserand Travelling Scholar, summer 1926.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B., Bryn Mawr College, 1898, and M.A., 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99, and 1904-06, and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College, and Teacher of Mathematics and Science in the Misses Shipley's School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B., Radcliffe College, 1914; M.A., University of California, 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19, and Graduate Student, 1916-17.

ABBY KIRK, A.B., *Instructor in Elementary Greek.*

A.B., Bryn Mawr College, 1892. Reader in English, Bryn Mawr College, 1892-98; Associate Principal and Teacher of English and Classics in the Misses Kirk's School, Bryn Mawr, 1899.

MYRA RICHARDS JESSEN, A.B., *Instructor in German.*

A.B., Bryn Mawr College, 1915. Graduate Student, Bryn Mawr College, 1910-20, 1922-24; Teacher, Friends' Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-23.

ERNEST WILLOUGHBY, A.R.C.M., *Instructor in Music.*

Hereford, England. A.R.C.M., London, 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society, and Hereford Musical Festival, 1919-20.

SALLY HUGHES SCHRADER, PH.D., *Instructor in Biology, Semester I.*
Pacific University, 1913-15; B.S., Grinnell College, 1917; Ph.D., Columbia University, 1924; Instructor in Zoölogy, Grinnell College, 1918-19, and Lecturer in Zoölogy, Barnard College, 1920-21.

MARGUERITE LEHR, PH.D., *Instructor in Mathematics.*
A.B., Goucher College, 1919; Ph.D., Bryn Mawr College, 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21; President's European Fellow and Fellow in Mathematics, 1921-22; Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow, and Student, University of Rome, 1923-24.

MARTHA MEYSENBURG DIEZ, M.A., *Instructor in German.*
A.B., University of Texas, 1918; M.A., Bryn Mawr College, 1928.

ABBOTT HENRY FRASER, A.B., *Instructor in Latin.*
A.B., Princeton University, 1926.

HORTENSE FLEXNER KING, M.A., *Instructor in English.*
A.B., University of Michigan, 1907; M.A., 1910.

ECHO D. PEPPER, PH.D., *Instructor in Mathematics.*
B.S., University of Washington, 1920, and M.S., 1922; Ph.D., University of Chicago, 1925. Assistant in Mathematics, University of Washington, 1922-23; Fellow in Mathematics, University of Chicago, 1923-25; National Research Fellow in Mathematics, University of Oxford, 1925-26.

MARGARET STORRS, A.B., *Instructor in English.*
A.B., Smith College, 1922. Reader in Philosophy and Psychology and Graduate Student, Bryn Mawr College, 1922-23, and Graduate Scholar in Philosophy, 1923-24; Graduate Student, University College, London, 1924-25; Non-resident Fellow in Philosophy, Bryn Mawr College, 1925-26, and Fellow by Courtesy, 1926-27.

MARY SUMMERFIELD GARDINER, PH.D., *Instructor in Biology.*
A.B., Bryn Mawr College, 1918, M.A., 1924 and Ph.D., 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24, and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1921-24 and 1925-27; Graduate Student, University College, London, 1924-25.

MIRIAM GRUBB BROWN, A.B., *Instructor in Italian.*
A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27.

MARION LAWRENCE, M.A., *Instructor in the History of Art.*
A.B., Bryn Mawr College, 1923; M.A., Radcliffe College, 1924. Assistant in Art, Wellesley College, 1924-25; Student, American Academy in Rome, 1925-27, and Carnegie Corporation Fellow, 1926-27.

HENRIETTA COOPER JENNINGS, PH.D., *Instructor in Economics and Politics.*
A.B., Bryn Mawr College, 1922, M.A., 1923 and Ph.D., 1927. Graduate Student in Economics and Politics, Bryn Mawr College, 1922-23, and Fellow, 1923-25; Student, London School of Economics, 1925-26. Warden of Denbigh Hall, 1926-28.

CECELIA IRENE BAECHE, M.A., *Instructor in Education.*
A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seiler School, Harrisburg, Pa., 1914, in the High School, York, Pa., 1914-19, and in the Thorne School, 1919—.

MARY LOUISE WHITE, A.B., *Instructor in English.*
A.B., Bryn Mawr College, 1925. Graduate Student, Yale University, 1925-26.

KATHARINE GARVIN, M.A., *Instructor in English.*
A.B., Oxford University, 1926, and M.A., University of Michigan, 1927. Riggs Fellow at the University of Michigan, 1926-27.

EDITH FISHTINE, A.B., *Instructor in Spanish.*
A.B., Boston University, 1925. Student, University of Paris, 1925-26; Teacher of Spanish, Donald McKay Junior High School, Boston, and at Cambridge Haskell School, 1926-27, and Graduate Student, Radcliffe College, Semester II, 1926-27.

MARGARET DENT DAUDON, A.B., *Instructor in French.*
A.B., Bryn Mawr College, 1920.

IVY CAROLINE ROBINS, PH.D., *Instructor-elect in History.*
B.A., University of London, 1924; Ph.D., 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28.

CORPORATION

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HELEN LORD SMITH, A.B., *Warden of Rockefeller Hall.*

A.B., Bryn Mawr College, 1926.

ESTHER LOWREY RHOADS, A.B., *Warden of Wyndham.*

A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager of the *Alumnæ Bulletin* and Graduate Student, Bryn Mawr College, 1924-26. Student in Paris, 1926-27.

HELEN BOND CRANE, *Warden-elect of Denbigh Hall.*

A.B., Bryn Mawr College, 1909. Travelling Secretary, Student Volunteer Movement, 1910-12; Student, National School of the Young Woman's Christian Association, New York City, 1912; Associate Educational Secretary, Student Volunteer Movement, 1918-24; Graduate Student, M.A., Teacher's College, Columbia University, and Union Theological Seminary. Research with graduate student at Harvard for a thesis on "Obstacles to Economic Progress in China," 1926-28; Editorial Work, International Missionary Council; Editorial Work, Bureau of Foreign Information, Presbyterian Board.

JULIA WARD, A.B., *Warden-elect of Rockefeller Hall.*

A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27. Warden of East House, 1924-25; of Rockefeller Hall, 1925-27. Holder of Fanny Bullock Workman European Fellowship, 1927-28.

HEALTH DEPARTMENT

HELEN TAFT MANNING, PH.D., *Head of Health Department.*

MARION EDWARDS PARK, PH.D., *Ex-officio.*

CONSTANCE M. K. APPLEBEE, * *Health Supervisor.*

THOMAS F. BRANSON, M.D., *Physician-in-Chief.*

A.B., Haverford College, 1889; M.D., University of Pennsylvania, 1892. Attending Physician, Bryn Mawr Hospital.

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B., Bryn Mawr College, 1918; M.D., University of Pennsylvania, 1922. Interne, Philadelphia General Hospital, 1920-24.

HELEN MURPHY, M.D., *Examining Oculist.*

M.D., Woman's Medical College of Pennsylvania, 1893; Assistant Demonstrator in Histology, Woman's Medical College of Pennsylvania, 1894-96; Instructor in Materia Medica, 1896-1902; Instructor in Diseases of the Eye, Philadelphia Polyclinic and College for Graduates in Medicine, 1895-97.

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

ELLEN FAULKNER, M.A., *Director of Halls.*

A.B., Bryn Mawr College, 1913, and M.A., 1927. Science Teacher in Miss Low and Miss Heywood's School, Stamford, Conn., 1914-17; Clerk, Farmers' Loan Trust Co., Paris, 1918-21; Second Assistant, Boston Health League, 1921-22.

MARION MITCHELSON, *Director-elect of Halls.*

Hall Manager, Pembroke Hall, Bryn Mawr College, 1923-28.

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

* Granted leave of absence for the year 1928-29. Resigned, to take effect September, 1929.

PHEBE ANNA THORNE SCHOOL 1927-28

AGNES LOW ROGERS, Ph.D., *Director.*

M.A., St. Andrews University, Scotland, 1908; Ph.D., Columbia University, 1917. Graduate in Honours, Moral Science Tripos, University of Cambridge, 1911; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow and Assistant in Philosophy of Education, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25. Professor of Education and Psychology, Bryn Mawr College.

FRANCES BROWNE, A.B., *Head Mistress.*

A.B., Bryn Mawr College, 1909. Teacher, Organic School for Education, Fairhope, Ala., 1913-14; Phebe Anna Thorne School, 1914-15, City and Country School, New York City, 1915-19, Primary School, Cleveland, O., 1921-22, and Head of the Frances Browne School, New York City, 1922-23.

CECILIA IRENE BAECHE, M.A., *Assistant Head Mistress and Head of the English Department.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seller School, Harrisburg, Pa., 1914, and in the High School, York, Pa., 1914-19.

MARION HAINES CAJORI, A.B., *Teacher in the Elementary School and Supervisor of Arithmetic and Geography.*

A.B., Colorado College, 1913. Student, Institute of Musical Art, New York City, 1914-15; Teachers College, Columbia University, summer, 1918. Teacher in Grace Church Choir School, New York City, 1915-16, in the Riverside School for Girls, New York City, 1916-18, and in Miss Chapin's School, New York City, 1918-20.

MARY KATHARINE WOODWORTH, M.A., *Assistant Teacher of English.*

A.B., Bryn Mawr College, 1924, and M.A., 1927. Student, Johns Hopkins University, and Teacher of English, Bryn Mawr School, Baltimore, 1924-25. Graduate Student in English, Bryn Mawr College, 1925-27.

CHEVES WEST PERKY, Ph.D., *Teacher of Painting, Drawing, Modeling and Crafts.*

B.S., Teachers College, New York City, 1901. Teacher in Horace Mann School, 1901-02; Teacher in St. Agnes' School, Albany, N. Y., 1902-04; Student, Cornell University, 1904-08, and Ph.D., 1918; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25.

ANNIE BRAME, M.A., *Teacher of Mathematics and Physics.*

A.B., Randolph-Macon Woman's College, 1914. M.A., Columbia University, 1925. Student, University of Virginia, summers 1916, 1920; Columbia University, summer 1923; winter 1924-25. Teacher in the High School, Camden, Ark., 1914-18; High School, Texarkana, Ark., 1918-19; High School, Lexington, Va., 1919-24; High School, Succasunna, N. J., 1925-26.

IRENE ROSENZWEIG, M.A., *Teacher of Latin.*

A.B., Washington University, 1924. M.A., Bryn Mawr College, 1926. Graduate Scholar in Latin, Bryn Mawr College, 1924-26.

BERTHE-MARIE MARTI, M.A., *Teacher of French.*

Licence-ès-lettres, University of Lausanne, 1925. M.A., Bryn Mawr College, 1926. Student, University College, London, January-March, 1925. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26.

GEORGIA CURRAN GREER, A.B., *Teacher in the Primary School.*

A.B., Goucher College, 1923. Student, University of Wisconsin, summer, 1922; Student and Teacher in Demonstration School, University of Pittsburgh, summer, 1923; Student, Teachers College, summer, 1924; Primary Teacher, Friends School, Atlantic City, N. J., 1923-25.

CHARLOTTE ERWIN RENSHAW, *Teacher in Primary Department.*

Kindergarten and Primary Certificate, Wheelock Training School, Boston, Mass., 1925.

MARIAN JOSEPHINE FITZ-SIMONS, B.S., *Primary Teacher.*

Graduate, Detroit Teachers College. B.S., Teachers College, Columbia University, 1924. Teacher, Kindergarten, First and Second Grades, Detroit Public Schools, 1916-19; Liggett School, Detroit, 1920-22; Berkeley Institute, Brooklyn, 1923-24.

MARGARET REINHOLD, A.B., *Teacher of Arithmetic and Class I.*
A.B., Sweet Briar College, 1926. Student, University of Pennsylvania, summer, 1926.

PAULINE S. RELYEA, A.B., *Teacher of History.*
A.B., Smith College, 1924. Teacher in the Easthampton High School, Easthampton, Mass., 1924-26; Reader in American History, Smith College, 1925-26; Teacher in the Rome Senior High School, Rome, N. Y., 1926-27.

SAMUEL ARTHUR KING, M.A., *Teacher of Reading.*
London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College.

BERTHE A. LEUBA, *Teacher of French Conversation.*
Student in the Ecole Supérieure, Lausanne, in the Ecole Bercier, Paris, in the University of Lausanne, in the Sorbonne and in Bryn Mawr College.

HENRIETTA WAGNER HORTER, *Teacher of Creative Principles of Music.*
Leader of Music and Assistant Director, Leschetizky School of Music, Philadelphia, 1921-25.

DOREEN M. BINGHAM, *Teacher of Eurhythmics.*
Graduate, Jacques Dalcroze School of Eurhythmics, London, 1923. Teacher of Eurhythmics, Polam Hall, Darlington, England, 1922-24; Private Teacher, California, 1924-25.

MARGARET ADELAIDE PUTNAM, A.B., *Assistant Teacher in the Primary Department.*
A.B., Smith College, 1923. Graduate Student, Wellesley College, 1924 and 1925. Teacher, Ruggles Street Nursery School, 1924-25; Waltham Kindergarten, 1925-26; the Children's Community Centre, New Haven, 1926-27.

RUTH KRAFT, *Primary Assistant.*
Graduated, Miss Illman's Training School, 1927.

ELIZABETH NORRIS, A.B., *Apprentice Teacher in English.*
A.B., Mills College, 1927.

ELIZA TILLMAN SANDISON, A.B., *Apprentice Teacher in the Elementary School.*
A.B., Goucher College, 1923. Teacher of English in the Chatham Junior High School, Savannah, Ga., 1923-24; Teacher of English and Civics in the Tubman High School, Augusta, Ga., 1924-26; Teacher of English in the Shipley School, Bryn Mawr, 1926-27.

ELLA M. GARDNER, M.A., *Assistant in the Educational Clinic.*
A.B., Woman's College of Alabama, 1919; M.A., Emory University, 1921. Teacher in Elementary Grades of Alabama, 1921-24. Teacher of Mathematics in the High School, Atlanta, Ga., 1924-26; Teacher of Psychology at Grenada College, Grenada, Miss., 1926-27.

CONSTANCE M. K. APPLEBEE, *Teacher of Gymnastics and Sports and Games.*
Licentiate, British College of Physical Education, 1898, and Member, 1899. Gymnasium Mistress, Girls' Grammar School, Bradford, Yorkshire, 1899-1900; in the Arnold Foster High School, Burnley, Yorkshire, 1899-1901; in the High School, Halifax, Yorkshire, 1900-01; Head of Private Gymnasium, Ilkley, Yorkshire, 1899-1901; Harvard School of Physical Training, summer, 1901; Hockey Coach, Vassar College, Wellesley College, Radcliffe College, Mount Holyoke College, Smith College, Bryn Mawr College, Boston Normal School of Gymnastics, 1901-04; Hockey Coach, Harvard Summer School of Gymnastics, 1906. Director of Gymnastics and Athletics, Bryn Mawr College.

MILDRED HEYWOOD BUCHANAN, A.B., *Gymnasium Assistant.*
A.B., Bryn Mawr College, 1924. Gymnasium Assistant, Bryn Mawr College.

MARJORIE JEFFERIES WAGONER, M.D., *Physician of the School.*
A.B., Bryn Mawr College, 1918; M.D., University of Pennsylvania, 1922. Interne, Philadelphia General Hospital, 1923-24, College Physician, Bryn Mawr College.

LOUISE FFROST HODGES CRENSHAW, A.B., *Secretary of the School.*
A.B., Bryn Mawr College, 1918. Secretary of the Phebe Anna Thorne School, 1923-25.

JOSEPHINE TOWNSEND MILLER, *Assistant in the School Offices.*
Primary Assistant and Office Assistant, The Phebe Anna Thorne School, 1924-25.

STANDING COMMITTEES OF THE FACULTY, 1928-29

Faculty Representatives on the Board of Directors

PROFESSOR M. P. SMITH
PROFESSOR GRAY
PROFESSOR CHEW

Committee on Appointments

PROFESSOR GRAY
PROFESSOR LEUBA*
PROFESSOR CHEW
PROFESSOR TENNENT
PROFESSOR SCHENCK

Committee on Nominations

PROFESSOR SWINDLER
PROFESSOR FIESER
PROFESSOR TAYLOR

Committee on Curriculum

PRESIDENT PARK, *Chairman*
PROFESSOR DAVID*
PROFESSOR GILLET
PROFESSOR DONNELLY
PROFESSOR WIDDER
PROFESSOR HUFF
PROFESSOR G. DE LAGUNA

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR FENWICK
PROFESSOR PARDE
DR. EVANS

Committee on Libraries

PROFESSOR M. P. SMITH
PROFESSOR TENNENT
PROFESSOR CADBURY

Committee on Laboratories

PROFESSOR FIESER
PROFESSOR TENNENT
DR. EVANS

Committee on Entrance Examinations

PRESIDENT PARK, *Chairman*
MISS GAVILLER, *ex-officio*
PROFESSOR CRANDALL
PROFESSOR ROGERS
PROFESSOR TAYLOR
PROFESSOR M. DIEZ
PROFESSOR SCHRADER

Committee on Schedules

DEAN MANNING, *Chairman*
PROFESSOR SWINDLER
PROFESSOR HART
PROFESSOR BARNES

Committees on Language Examinations

French—

DR. GILMAN
PROFESSOR W. R. SMITH
PROFESSOR GILLET

German—

PROFESSOR M. DIEZ
PROFESSOR E. DIEZ
PROFESSOR M. P. SMITH

Committee on Housing

PROFESSOR M. DIEZ
PROFESSOR BARNES
PROFESSOR G. G. KING

* Substitute for Professor Crenshaw, 1928-29.

STANDING COMMITTEES OF THE ACADEMIC COUNCIL, 1928-29

*Committee on Graduate
Students*

PRESIDENT PARK, *Chairman*
 PROFESSOR SCHENCK, *ex-officio*
 PROFESSOR TAYLOR*
 PROFESSOR G. DE LAGUNA
 PROFESSOR WIDDER

*Committee on Graduate
Courses*

PRESIDENT PARK, *Chairman*
 PROFESSOR TENNENT
 PROFESSOR DONNELLY
 PROFESSOR CADBURY

Committee on Learned Publications

PRESIDENT PARK, *Chairman*
 PROFESSOR SWINDLER†
 PROFESSOR GRAY
 PROFESSOR TENNENT

STANDING COMMITTEES OF THE SENATE, 1927-28

Executive Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR W. R. SMITH,
 Secretary ex-officio
 PROFESSOR DONNELLY
 PROFESSOR CRENSHAW
 PROFESSOR M. P. SMITH

Judicial Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR M. P. SMITH
 PROFESSOR SCHENCK
 PROFESSOR FENWICK

* Substitute for Professor Crenshaw, 1928-29.

† Substitute for Professor Wright, 1928-29.

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live, and will at any time be glad to answer questions about the college.

CALIFORNIA:

BERKELEY: MRS. COLIS MITCHUM, *2 Vicente Road, Berkeley.*

SAN FRANCISCO: MRS. CHARLES PRICE DEEMS, *2603 Steiner Street.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.

NEW HAVEN: MRS. CHARLES MCLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*

MRS. MORRIS LEIDY JOHNSTON, *1520 North Dearborn Street.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Avenue.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *1004 Cathedral Street.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*

CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*

FALL RIVER: MRS. RANDALL NELSON DUFFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MISSOURI:

KANSAS CITY: MRS. CLARENCE MORGAN HARDENBERGH, *3710 Warwick Boulevard.*

ST. LOUIS: MRS. GEORGE GELHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*

UTICA: MRS. ARTHUR PERCY SAUNDERS, *Clinton.*

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2322 Grandview Avenue.*

CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne, Sewickley.*

MRS. CAROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

UTAH:

SALT LAKE CITY: MISS KATE WILLIAMS, *177 13th East Street.*

WISCONSIN:

MADISON: MRS. MOSES STEPHEN SLAUGHTER, *633 Francis Street.*

ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London.*

PART I

THE UNDERGRADUATE SCHOOL

THE UNDERGRADUATE SCHOOL

The undergraduate school offers courses in ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. The full course of study covers four years and leads to the Bachelor of Arts degree.

Admission of Undergraduate Students

1. All candidates for admission to Bryn Mawr College must pass without qualification certain of the matriculation examinations conducted by the College Entrance Examination Board. The policy of the college is to try to select from among the candidates for admission those of the highest promise; evidences of character and of general ability are therefore required and are carefully considered in relation to scholastic records and examination grades.

*Admission
by
Examina-
tion*

2. Each candidate for admission to Bryn Mawr College must make a formal application. Forms comprising a personal questionnaire, health certificate to be signed by the candidate's physician, and an agreement as to the payment of fees and the observing of college regulations, must be obtained from the Secretary and Registrar. These forms may be obtained after February 1 of the year of entrance and must be filled out and returned to the Secretary and Registrar before May 15. A form for the candidate's school record is sent direct to the principal of her school.

Application

3. If possible, application for rooms, accompanied by the fee of fifteen dollars payable to Bryn Mawr College, should be made as soon as the year of entrance is definitely known by the candidate. In case of doubt it is well to make application for two consecutive years by sending a fee of thirty dollars. Such application does not entitle the candidate to definite assignment of a room until after she has been officially notified in July by the Secretary and Registrar of her admission to college. At this time she will be given a room as nearly as possible in order of her application and with regard to her preference as to room, hall, and rent.

*Room
Application*

4. Candidates for admission to Bryn Mawr College upon honourable dismissal from a college or university whose graduates are eligible for national membership in the American Association of University Women, must present credits equal to the Bryn Mawr College requirements for matriculation. They must, moreover, present a certificate of honourable dismissal and an official statement that they have studied in regular college classes for one college year, that they have passed examinations

*Honourable
Dismissal*

covering at least one year of academic work in a regular college course leading to the degree of Bachelor of Arts, that they are in good standing in said college, and that they would be able to take their degree there in due course.

For some years, however, preference has been given to candidates for admission who have taken the regular examination for matriculation.

Students of other colleges who have outstanding conditions, or have otherwise failed to meet prescribed standards of academic work, or have been put on probation, have been suspended, or excluded will under no circumstances be admitted to Bryn Mawr College. Such students may not cancel their college work elsewhere, offer the Bryn Mawr College requirements for matriculation and enter Bryn Mawr as Freshman.

Students presenting certificates of honorable dismissal from any college or university not eligible for national membership in the American Association of University Women must take the regular examination for matriculation required by Bryn Mawr. Unless such students inform the Secretary and Registrar of the College at the time of filing their application for examination, that they have studied at another college, they will not receive permanent credit.

Hearers

5. Women over twenty-five years of age are admitted as "hearers" without matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly distinguished from regularly matriculated students and must obtain permission from each instructor to attend recitations, examinations, and laboratory exercises; they must satisfy their various professors that they can profit by their elected courses. Hearers are not, strictly speaking, recognized by the college; they are not eligible for degrees, and may receive only such certificates of collegiate study as their various instructors see fit to give.

Matriculation Examinations

The subjects chosen by the college for matriculation examination are counted as 15 points. Candidates may take such examinations in one or in two "divisions." A division consists of one or more examinations taken in a single examination period. If two divisions are taken they must not be separated by more than one calendar year. Any number of subjects may be offered in one division; an entire division may be cancelled and repeated any number of times.

Permanent Credit

"Permanent Credit" is given to candidates who, having offered for examination all the required subjects in one or two divisions, have received a grade of "Passed" (60 per cent or over) in at least 12 of the required 15 points. "Permanent Credit" enables candidates to remove conditions at any time before entering the college by passing the corresponding examinations given by the College Entrance Examination Board.

Candidates not receiving "Permanent Credit" are considered to have cancelled one division and therefore must be examined again in all of the points of the cancelled division.

The autumn examinations of the College Entrance Examination Board are held at Bryn Mawr College beginning on the third Monday of September solely for the purpose of removing conditions. Application for these examinations, accompanied by a fee of \$5 for each condition examination, must be made to the Secretary and Registrar of the college before September 1.

APPLICATION FOR COLLEGE ENTRANCE BOARD EXAMINATIONS

Examination of June 17-22, 1929

The week of examinations begins annually on the third Monday in June; the autumn condition examinations start on the third Monday in September.

Application blanks for the examinations should be obtained from the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, N. Y.

A standard fee of \$10.00, remitted by postal order, express order, or draft on New York, should accompany each application.

In order to facilitate the holding of examinations in the various centers, all applications should be filed at the earliest possible date. Applications for examination *must* reach the Secretary of the Board:

For examination east of or on the Mississippi River: on or before Monday, May 27, 1929. For examination elsewhere in the United States or Canada: on or before Monday, May 20, 1929.

For examination outside the United States and Canada except Asia: on or before Monday, May 6, 1929.

For examination in Asia: on or before Monday, April 22, 1929.

If a candidate fails to obtain the regular application blank, the usual examination fee arriving before the specified date will be accepted provided that it is accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a complete list of the subjects in which she expects to be examined.

Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination of the candidate, but only upon the payment of an additional fee of \$5.00.

The designation of the center to which the candidate will go for examination is regarded as an essential part of her application. Requests that examinations be held at particular points should be sent to the Secretary of the Board not later than February 1. A list of examination centers will be published about March 1.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage in the local public schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test later than 9.00 A.M.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published by the College Entrance Board annually about December 1. Every candidate is advised to become familiar with these requirements. Upon request a single copy will be sent

to any teacher free of charge; in general a charge of twenty-five cents, which may be remitted in postage, will be made.

Candidates wishing to enter Bryn Mawr must state their intention on their application for examination to the College Entrance Board. Since the college recognizes only examinations definitely offered in a first or second division, those who take the examination for practice purposes only, before the regular first and second divisions, are asked not to state to the College Entrance Board their intention to enter Bryn Mawr College. When application for examination in a regular first or second division is made the section of the application blank (School recommendation—Form E), should be sent promptly to the Secretary and Registrar of the College so that any necessary correction may be made. All candidates for admission to Bryn Mawr College, on receipt of their reports of examination from the College Entrance Examination Board, must forward them to the Secretary and Registrar; failing the receipt of the report from the candidate herself the College will take no action upon her application for admission.

SUBJECTS OF EXAMINATION FOR MATRICULATION

	<i>Subjects</i>	<i>College Entrance Board Examinations</i>	<i>Points</i>
<i>Tabular Statement of Subjects Required in Examina- tion for Matricula- tion</i>	Ancient Language*		4
	Latin.....	Latin Cp. 4	
	or Greek.....	Greek Cp. 3	
	and Latin.....	Latin Cp. 2	
	English.....	English Cp....	3
	Mathematics.....		3
	Algebra.....	Mathematics A	
	and Plane Geometry.....	Mathematics C	
	Science.....		1
	Physics†.....	Physics	
	or Chemistry.....	Chemistry	
	History.....		1
	Ancient History‡.....	History A	
	or American History.....	History D	
	Second Foreign Language§.....		3
	French.....	French Cp. 3	
	or German.....	German Cp. 3	
	or Greek.....	Greek Cp. 3	
	Total.....		15

*Candidates wishing to divide the Latin examination may offer Latin Cp. 3 (Prose Authors) or Latin Cp. 3 (Poets) in one division and Latin Cp. H (if already credited with Cp. 3, Prose Authors) or Latin Cp. K (if already credited with Cp. 3, Poets) in the other.

Candidates wishing to divide the Greek examination may offer the Cp. 2 in one division and the Cp. H. in the other.

† See page 35 for note.

‡ See page 35 for note.

§ See page 35 for note.

The Scholastic Aptitude Test should be offered in the June examination period preceding entrance to college.

EXAMINATIONS FOR ADVANCED STANDING

Candidates who wish to enter the college with advanced standing may, in addition to the fifteen points required for matriculation, offer the following subjects: the First Year Course in Latin, Section A and Section B counting as three and two hours a week throughout one year; Trigonometry, counting as two hours a week throughout one semester; Solid Geometry, counting as two hours throughout one semester; elementary Greek, or French or German (provided this was not included in the fifteen points required for matriculation), counting as five hours a week throughout one year.

*Advanced
Standing*

The first year course in Latin may be offered for examination by candidates for matriculation that desire to enter the college with advanced standing, and, at their discretion, by matriculated students without attendance on the college classes provided it is offered not later than the beginning of the student's junior year. The first year is considered for this purpose as comprising two sections. No substitutions are allowed for any part of the following requirements, except in the case of students entering with advanced standing from other colleges.

A. Terence, *Adelphoe* (Sloman's edition, New York, Oxford Press), Catullus, *Select Poems* (all the poems in F. P. Simpson's *Select Poems of Catullus*, Macmillan, New York), Cicero, *De Senectute*, Lucretius, *De rerum natura*, Book I, 1-148, II, 1-58, 600-657, III, 1-93, 931-1052, V, 1-54, 925-1010, 1161-1240 (W. A. Merrill's edition, New York, American Book Company), Horace, Odes I, except 13, 15, 25, 28, 33, 36; II, except 2, 4, 5, 8, 12, 15; III, except 6, 10, 11, 15, 16, 19, 20, 24, 27; IV, except 4-6, 10-13; *Carmen Saeculare*; *Epodes* 2 and 16 only (Shorey-Laing edition of Horace's *Odes and Epodes*, B. H. Sanborn).

† The Teacher's Laboratory Certificate, furnished to the candidate by the College Entrance Examination Board, should be forwarded to the office of the Secretary and Registrar not later than the day for which the Physics examination is scheduled. Laboratory notebooks should not be submitted to the college.

‡ The college strongly urges that ancient history be offered as the requirement for entrance in history. Knowledge of the civilization of the ancient world is essential both for an appreciation of the Greek and Latin literature as studied in preparatory school and college and for the introductory course in college history, which begins with the downfall of the Roman Empire.

In case the curriculum of the school in which the candidate has received her preparation makes it difficult for the candidate to offer ancient history, American history may be offered instead. If this alternative is adopted, and, if the candidate should in college wish to enter the course in minor history, she will be expected to give evidence of familiarity with ancient history. Such evidence should be either a certificate from her preparatory school that she completed within reasonable time before entering college an adequate course in ancient history and attained in it a satisfactory grade or that she has done suitable private reading in the subject. The private reading will be tested by a brief oral examination.

§ If Greek and Latin are chosen under the heading "Ancient Language," French or German must be offered. Attention is called to the advantage of offering Greek or German as an extra subject for advanced standing. See next page.

B. *Vergil, Eclogues* 1, 2, 4, 5, 7, 8, 9, 10; *Georgics* I, 43-70; 121-159; 461-514; II, 136-176; 458-542; III, 339-383; IV, 125-227; 452-527. (Page's edition, Macmillan): *Tibullus* I, 1, 3, 6, 10; II, 1, 3, 5; III, 2, 3, 4; (K. F. Smith's edition, *Tibullus, The Elegies*); Ovid, *Amores*, III, 9 (also in Smith's *Tibullus*); Horace, *Sermones*, I, 1, 4, 5, 6, 9; II, 2, 6, 8; *Epistles* I, 4, 7, 20. (Morris's edition of Horace, *Satires and Epistles*; American Book Co.); *Petronius, Cena Trimalchionis* (edition Waters, B. H. Sanborn Co.).

There are two examinations, one in Section A and one in Section B, each three hours in length. Students are expected to be familiar with the text, the lives of the authors, the scansion of meters, and the material in the introductions of the various editions. These examinations may be taken in different years, and in the order preferred by the candidate; or one section may be studied in the corresponding college class, and the other offered for examination without attending the class.

The examinations in Latin, Trigonometry and Solid Geometry are held in the first three weeks of the college year and may be taken by a student in her freshman, sophomore or junior year. Examinations in Elementary Greek, French or German may be taken in the College Entrance Examinations in the spring or, by special arrangement with the Secretary and Registrar, in the autumn.

Students who have passed examinations for advanced standing are credited with the equivalent number of hours of college courses and are so enabled to enter at once the more advanced courses to which these are preliminary; they thus secure a larger choice of elective courses or may, at some time in their college course attend, with the consent of the Dean, less than the regular fifteen hours a week of lectures. Students may also secure credit for elective courses in Modern Languages by passing certain examinations in French, German, Italian and Spanish which may be taken only in the first three weeks after entering the college. In no case, however, is it possible by passing examinations for advanced standing to shorten the required four years of study necessary for the bachelor's degree.

GENERAL REGULATIONS

Residence in the college buildings is required of all undergraduate students except those who live with their families in Philadelphia or the vicinity. *Residence*

Every student enrolled is required to register with the Secretary and Registrar and with the Comptroller. This registration must be completed before 8.45 A.M. on the first day of lectures. The Dean is academic advisor to all undergraduate students and every undergraduate student consults the Dean of the College in regard to the planning of her academic work, and registers her chosen courses with the Dean before entering upon college work. *Registration*

The members of the entering class are asked to come into residence four days before the college is opened to returning students. They are received by the Wardens of the various halls and a Reception Committee of upper classmen. Appointments with the President of the College, who wishes to interview all new students, should be made promptly at the office of the Secretary and Registrar and appointments with the Dean also should be made. These interviews with the President and the Dean begin immediately and registration of courses is concluded before the college year officially opens. The new students are made familiar with the intricacies of the library, take their tests, their medical and physical examinations, and become at home in the college before the stress of the first days of academic work. *Freshman Week*

The Student's Association for Self-Government, organized in 1892, controls the conduct of the students in all matters except those which are purely academic, affect the management of the halls of residence, or the student body as a whole. All undergraduate students of Bryn Mawr College are members of this association. *Conduct*

The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable; in such cases the fees due or already paid to the college will be neither refunded nor remitted in whole or in part. *College Regulation*

Regular attendance at classes is expected of all undergraduates; an unreasonable number of unexcused absences will be penalized. *Attendance*

The absolute integrity of all work is demanded of every student. No student shall give or receive any assistance in an examination or written quiz or hold any communication with another student. The rules governing written work are published for each freshman and are publicly announced at the beginning of each semester and before each examination period. Any infraction of the rules, regardless of motive, or any action contrary to their spirit, constitutes an offense. *Examination Regulations*

SCHOLARSHIP GRADES

1. Grades are assigned with the following significances:

High Credit (H. C.).....	Work distinguished for its excellence.
Credit (C.).....	Work above the average; superior work.
Merit (M.).....	Average work, work done by median group neither superior nor inferior.
Passed (P.).....	Work below the average.
Conditioned (Con.).....	Unsatisfactory work the deficiencies of which may be met by passing a condition examination.
Failed (F. F.).....	Unsatisfactory work, the deficiencies of which may not be met by passing a condition examination.
2. This system of marking is the basis of the Honour Point system:

1 semester hour of Merit.....	1 honour point.
1 semester hour of Credit.....	2 honour points.
1 semester hour of High Credit.....	3 honour points.
3. On the basis of the honour point system the degree of Bachelor of Arts is awarded as follows:

170 honour points.....	Cum Laude.
220 honour points.....	Magna Cum Laude.
270 honour points.....	Summa Cum Laude.

Schedule

While the required studies leading to the degree of Bachelor of Arts are not prescribed for any special year in the college course, students are advised to plan their work carefully in reference with the lecture schedule lest a conflict of hours prevent them from electing the advanced courses they wish. For example, students who elect English as their major subject should take the required English courses their first and second years as they must have completed this work before entering the major course in English. Students electing a scientific group, such as chemistry and biology, should arrange their work to avoid possible conflict in laboratory hours.

REQUIREMENTS FOR DEGREE OF BACHELOR OF ARTS

The full course of undergraduate study leads to the degree of Bachelor of Arts.

*Degree of
Bachelor of
Arts*

Every candidate for the degree of Bachelor of Arts must have attended college classes in Bryn Mawr College for a period of four years;* must have passed examinations on work amounting to one hundred and twenty hours† and must have obtained an examination grade above that of "passed," that is, the grade of merit or over, on half of these one hundred and twenty hours; she must possess at the time of graduation a reading knowledge of French and German, and must also have fulfilled the requirements of the department of Physical Training.

The following course of study must be pursued by every candidate for the degree of Bachelor of Arts:‡

*Studies
Leading to
the Degree
of Bachelor
of Arts*

Ancient Language (Greek or Latin), six semester hours. Students entering on Latin and three-point Greek may substitute Elementary French or German for the Required Ancient Language.§ If Elementary Greek, German or French is offered ten semester hours are required, the four additional hours being taken from the hours of free elective. These courses may not be taken later than the junior year.

*Required
Studies*

English, twelve semester hours. In connection with this course students are required to attend the courses in English diction, one-half hour a week for two years.

Philosophy, four semester hours.

Psychology, four semester hours.

Science, ten semester hours. For students who major in Science a choice between Science and Mathematics as a required study is permitted.

Major Subject with Allied Subjects, fifty semester hours. All students must attend first and second year work in the major subject for at least twenty semester hours (five hours a week for two years). Students of distinct promise in the opinion of the department may be allowed to take

*Major
Courses*

* By permission of the Curriculum Committee of the Faculty, obtained in advance, work done at some other college of high standing may in special cases be substituted for one of the four years of required attendance at classes. See pages 31 and 32.

† The word hour here means one hour a week for one semester.

‡ A student choosing Greek as her major subject, and not wishing to study Latin, may substitute six semester hours of advanced Greek, or of French, or Italian, or Spanish, or German for the six semester hours of required Ancient Language.

§ A student choosing Latin as her major subject and not wishing to study Greek may substitute six semester hours of advanced Latin, or of French, or Italian, or Spanish, or German for the six semester hours of required Ancient Language.

¶ For a number of years no Elementary French course has been offered by the College. Students who wish to substitute Elementary French for the Ancient Language requirement, as allowed by the above rule, may offer Elementary French, prepared without attendance on college classes, as advanced standing, in an examination to be taken not later than the beginning of the junior year.

advanced work in the major subject. The student will arrange her major work and her allied subjects under the advice of the department in which the major work is taken.

*Free
Elective
Courses*

Free Elective Courses, thirty-four semester hours, to be chosen by the student. The only limitation is that imposed by the prerequisites of the course selected, and any courses open to the individual student as free electives may be taken without the remainder of the course of which they may form a part.

*Courses
in Hygiene*

A *Course in Hygiene* of one hour a week for one semester to be taken in addition to the regular fifteen hours a week of college courses but not counting in the required one hundred and twenty hours must be attended by all candidates for the degree of Bachelor of Arts.

*Reading
Knowledge
of French
and
German*

A *Reading Knowledge of French and German* is required from all students. All students are required to take examinations in French and German either in the autumn or spring of the junior year. Students failing to pass one or both of these examinations must present themselves for re-examination on the first or second Saturday of their senior year. Any student who receives the grade of *Failure* will be prevented from receiving her degree at the end of her senior year. She will not be allowed to present herself for a third examination before the autumn of the following year, but may present herself for any subsequent examination. Any student receiving the grade of *Condition* may take a third examination in the spring of her senior year.

Extra-curriculum courses of three hours a week in French and in German conducted without extra charge by regular members of the respective departments, may be taken by students in either French or German, if desired.

*Tabular
Statement*

The studies required for a degree may be tabulated as follows:

1	2	3	4	5	6
English. Twelve semester hours.	Philosophy and Psychology. Eight semester hours.	Science: Physics, or Chemistry, or Geology, or Biology. Ten semester hours.	Ancient Language (Greek or Latin). Six semester hours.	Major and Allied Subjects. Fifty semester hours.	Elective Courses. Thirty-four semester hours.

Attendance on the Greek or Latin classes is not obligatory before the beginning of the junior year, the student being free until then to make good her deficiencies by private study. Students not wishing to study Greek may substitute six hours of the first year college course in Latin or the corresponding advanced standing examination in first year Latin for the examination in Elementary Greek. First year Latin may not be offered for examination without attending the college class after the beginning of the junior year.

The requirements for the degree constitute strictly a four years' course of fifteen hours a week, and although no student is permitted to complete the work required for a degree in less than four years, to give more time for advanced studies and to lighten the college course, students are permitted to take examinations in certain subjects included in the course without attending the college classes in these subjects. Trigonometry, solid geometry, and elementary Greek, French, or German, or first year Latin may be taken in this way if offered not later than the beginning of the junior year. A student who can furnish proof that she has acquired advanced knowledge of French, Italian, or Spanish, or German by attendance on advanced school or college classes, or by residence abroad or by study under instructors or governesses at home, is permitted to take examinations for advanced standing in reading and composition in these languages, but only in the first three weeks after entering college.

Students not wishing to study for a degree are permitted to elect any of the undergraduate studies for which they have been fitted by previous training. If at any time a degree should be desired, such students will be given full credit for all courses leading to the degree.

CURRICULUM

There are offered each year to undergraduates major courses of five hours a week for two years, in the following subjects: Greek, Latin, English, French, Italian, Spanish, German, Modern History, Economics and Politics, Philosophy, Psychology, Classical Archaeology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology; and elective courses in the above and in Biblical Literature, Social Economy, Education, and Music.

Major Courses

In each fully organized department there is a course of five hours a week for two years, called a Major Course. Every candidate for a degree is required to take one major course and also a specified amount of courses in closely allied subjects. Students of special promise will be permitted to carry on advanced work in the major subject. The object of this system is to enable the student to acquire the foundations of a specialist's knowledge; and the Required Courses, namely, English, philosophy and psychology and science, and an ancient language are intended to insure a more liberal training than could be obtained if every student combined elective studies without restriction.

Required Courses

The required courses in English and in an ancient language serve as a general introduction to the study of language and literature. The required course in science permits the student of chemistry and biology to pursue an advanced course in one of these branches, or to take a first year course in physics; and gives, for one year at least, to the student of history and literature the same kind of instruction and discipline as is received by the scientific student. The courses in philosophy and psychology form a general introduction into the study of the laws, conditions, and history of thought.

Free Elective Courses

All first year courses that do not presuppose required courses may be elected by any student, and special free elective courses of one, two, or three hours a week, are offered in many departments.

Advanced Courses

Advanced courses are open only to students who have completed the first and second year major work in the subject and who have been given permission to enter them by the department.

Honours

Most departments offer honours work to students who have shown exceptional ability in the first and second year courses. This work consists of advanced courses accepted as honours courses by the Curriculum Committee; or of study carried on independently under the guidance of individual instructors, or of a combination of the two. Credit will be given in accordance with the amount of work done and reports or special examinations covering the field will be required. Students who have received credit for as much as ten semester hours of honours work may be recommended for their degree with distinction in the subject.

COURSES OF STUDY

1928-29

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.

*WILMER CAVE WRIGHT, Ph.D.

LECTURER: NATALIE GIFFORD, Ph.D.

INSTRUCTOR: ABBY KIRK, A.B.

The undergraduate instruction offered in Greek includes ten hours a week of first and second year work and five hours a week of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Greek.

A course of five hours a week throughout the year is provided for those students who wish to study Greek and whose examination for matriculation did not include it. Grammar and Composition are studied. Xenophon's *Anabasis* and selections from Homer are read. Either the elementary course in Greek or three hours a week of the first year course in Latin is required of all candidates for the degree of Bachelor of Arts who have not passed the matriculation examination in Greek. This course is given by Miss Kirk under the direction of Dr. Wright. *Elementary Course*

FIRST YEAR

1st Semester.

(Given in each year)

Plato, *Apology* and *Crito* or *Protagoras* or *Phaedo*, and Greek Prose Composition: Dr. Sanders. *Two hours a week.*

Sophocles, *Antigone*: Dr. Sanders. *One hour a week.*

Homer, *Odyssey*: Dr. Wright.* *Two hours a week.*

(May be taken as a free elective)

The Greek courses may not be offered for examination for advanced standing without class attendance.

Private reading: Euripides, *Alcesteis*, ll. 1 to end must be read by students taking the five-hour course; Euripides, *Alcesteis*, ll. 1-475 must be read by students taking the course in Homer only; Sophocles, *Philoctetes*, ll. 1-728 must be read by students taking the courses in Plato and in Greek Prose Composition, omitting the course in Homer. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Medea*, and Greek Prose Composition: Dr. Sanders.

Two hours a week.

Herodotus: Dr. Sanders.

One hour a week.

* Granted leave of absence for the year 1928-29. The courses announced by Professor Wright will be given by Dr. Gifford.

Homer. *Iliad*: Dr. Wright.*

Two hours a week.

(May be taken as a free elective)

The Greek courses may not be offered for examination for advanced standing without class attendance.

Private reading: Sophocles *Philoctetes*, ll. 1-1080 and 1218-1313 must be read by students taking the five-hour course; Euripides *Alceste*, ll. 476-961 must be read by students taking the course in Homer only; Sophocles, *Philoctetes*, ll. 729 to end must be read by students taking the courses in Euripides and Greek Prose Composition, omitting the course in Homer. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

SECOND YEAR

1st Semester.

(Given in each year)

Demosthenes: Dr. Sanders.

Two hours a week.

Work in Greek prose composition is given in connection with this course.

Aristophanes: Dr. Sanders.

One hour a week.

History of Greek Literature, Ionio-Dorian and Attic periods: Dr. Wright.*

Two hours a week.

This course may be taken either as a second year course or as a free elective. Student taking it as a free elective are not required to have taken the first year course and are not required to do the private reading.

Private reading: Æschylus, *Prometheus Vinculus*, ll. 1 to end must be read by students taking the five-hour course; Æschylus, *Persæ*, ll. 1-680 must be read by students taking the courses in Demosthenes and Aristophanes, omitting the course in Greek literature; Æschylus, *Prometheus Vinculus*, ll. 1-436 must be read by students taking the course in Greek literature, omitting the course in Demosthenes and Aristophanes. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

2nd Semester.

Thucydides: Dr. Sanders.

Two hours a week.

Work in Greek prose composition is given in connection with this course.

Sophocles: Dr. Sanders.

One hour a week.

History of Greek Literature, Attic, Alexandrine, and Græco-Roman periods: Dr. Wright.*

Two hours a week.

This course may be taken either as a major course or as a free elective. Students taking it as a free elective are not required to have taken the first year course, and are not required to do the private reading.

The second year's work of the major course may be divided so as to cover a period of two years; but if elected for the first semester, the lectures on literature must be elected for the second semester also. The lectures on Demosthenes and Thucydides and the one-hour courses in Aristophanes and Sophocles may not be elected separately.

Private reading: Æschylus, *Persæ* ll. 1 to end must be read by students taking the five-hour course; Æschylus, *Persæ*, ll. 681 to end must be read by students taking the courses in Thucydides and Sophocles, omitting the course in Greek literature; Æschylus, *Prometheus Vinculus*, ll. 437-876 must be read by students taking the course in Greek literature, omitting the course in Thucydides and Sophocles. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

* Granted leave of absence for the year 1928-29. The courses announced by Professor Wright will be given by Dr. Gifford.

FREE ELECTIVE COURSES

Greek Religion and Greek Myths: Dr. Wright.*

*Two hours a week throughout the year.**(Given in each year)*

This course is supplementary to Greek and English literature and to Oriental and Classical Archæology and treats of the development of Greek religion, the attributes of the Olympian Gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths. This course may be offered as part of the first year course in Ancient History, or as part of the first year course in Classical Archæology, and may be entered in the second semester.

Courses amounting to ten hours a week which may be taken as free electives are offered in Classical Archæology. See pages 74 and 75.

*Free
Elective
Courses*

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

*(Given in 1928-29)**1st Semester.*

Minor Orations of the Attic Orators: Dr. Sanders. *Two hours a week.*

Sophocles, *Ædipus Coloneus*: Dr. Sanders. *One hour a week.*

Palatine Anthology: Dr. Wright.* *Two hours a week.*

2nd Semester.

Æschylus, *Agamemnon*: Dr. Sanders. *Two hours a week.*

Greek Prose Composition and the Evolution of Style: Dr. Sanders.
One hour a week.

Sophocles, *Ajax*: Dr. Wright.* *Two hours a week.*

*(Given in 1929-30)**1st Semester.*

Æschylus, *Eumenides*: Dr. Sanders. *Two hours a week.*

Sophocles, *Trachiniæ*: Dr. Sanders. *One hour a week.*

Melic Poets: Dr. Wright. *Two hours a week.*

2nd Semester.

Greek Rhetoricians and Prose Composition: Dr. Sanders. *One hour a week.*

Bacchylides: Dr. Sanders. *One hour a week.*

Euripides, *Bacchæ*: Dr. Sanders. *One hour a week.*

Æschylus, *Septem* or Lucian: Dr. Wright. *Two hours a week.*

*(Given in 1930-31)**1st Semester.*

Æschylus, *Oresteia*: Dr. Sanders. *Two hours a week.*

Fourth Century Critics: Dr. Sanders. *One hour a week.*

Theocritus: Dr. Wright. *Two hours a week.*

* Granted leave of absence for the year 1928-29. The courses announced by Professor Wright will be given by Dr. Gifford.

2nd Semester.

Pindar: Dr. Sanders.

*Two hours a week.*Sophocles, *Electra* or Euripides, *Electra*: Dr. Sanders.*One hour a week.*

Plato: Dr. Wright.

Two hours a week.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 134 to 136.

Latin

PROFESSOR:

LILY ROSS TAYLOR, Ph.D.

ASSOCIATE PROFESSORS:

MARY HAMILTON SWINDLER, Ph.D.

SUSAN HELEN BALLOU,* Ph.D.

ASSOCIATE:

T. R. S. BROUGHTON, Ph.D.

The undergraduate instruction offered in Latin includes ten hours a week of undergraduate first and second year work, and seven hours a week of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Latin; and special work for honours.

FIRST YEAR

(Given in each year)

Literature of the Republic and Early Empire: Terence, *Adelphæ*; Selections from Catullus and Lucretius; Horace, *Odes* and *Epodes*:

*Three hours a week throughout the year.**1st semester:* Dr. Swindler, Dr. Ballou,* Dr. Broughton.*2nd semester:* Dr. Taylor, Dr. Swindler, Dr. Broughton.

Private reading will be assigned.

Selected reading from Latin sources illustrative of Roman Private and Social Life: Dr. Broughton.

Two hours a week throughout the year.

The reading will be chosen chiefly from the letters of Cicero and Pliny, the *Cena Trimalchionis* of Petronius, and the *Epigrams* of Martial.

Private reading will be assigned.

(This course may also be taken as a free elective)

SECOND YEAR

(Given in each year)

Lectures on Latin Literature.

*Two hours a week throughout the year.**1st semester:* Dr. Taylor.*2nd semester:* Dr. Ballou.*

This course treats the history of Latin Literature from its earliest beginnings down to the end of the second century of the Christian era, including all the authors from whose writings any important remains have been preserved.

Latin Comedy: Plautus: Dr. Swindler. *Three hours a week in the first semester.*

A number of the plays of Plautus are read and studied for their literary merit. The influence of Plautus on later ages, the stage, actors, origin, development, and characteristics of Roman comedy and various other topics are taken up. Students are assigned individual plays for reports.

* Granted leave of absence for the year 1928-29. The courses announced by Professor Ballou will be given by a lecturer to be appointed later.

Suetonius, Augustus; Tacitus, Annals I-VI (Selections): Dr. Broughton.

Two hours a week in the second semester.

A study of the reigns of Augustus and Tiberius.

Latin Prose Composition: Dr. Taylor. *One hour a week in the second semester.*

Private reading will be assigned to each student in the course in Latin Literature and in the courses in Plautus and in Suetonius and Tacitus.

The course in Latin Literature and the courses in Plautus, in Suetonius and Tacitus, and in Latin Prose Composition may be taken in different years. If the lectures on Latin Literature are elected for the first semester, they must be continued in the second semester.

No student is admitted to any part of the second year course in Latin who has not completed the work of the first year.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

(Given in 1928-29 and again in 1930-31)

Lucretius, De Rerum Natura: Dr. Taylor.

Two hours a week during the first semester.

The course will deal with the place of the De Rerum Natura in literature and thought.

Vergil, Aeneid: Dr. Taylor.

Two hours a week during the second semester.

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic. The chief emphasis will be on the last six books.

By special arrangement in 1928-29 these courses in *Lucretius* and *Vergil* will be open only to students who are qualified for honours, and will be adapted with supplementary work to the special needs and interests of the group accepted.

Literature of the Empire: Dr. Ballou.* *Three hours a week throughout the year.*

Authors of both Prose and Poetry will be read who give as complete a picture as possible of the state of society of the time; such as Petronius, Martial, Statius, Pliny, Juvenal, Seneca and Apuleius. The material will be divided between the semesters so that either one may be taken separately.

Latin Prose Composition, accompanied by readings from Cicero and Livy: Dr. Broughton.

Two hours a week throughout the year.

(Given in 1929-30)

Cicero and Caesar: Dr. Taylor.

Two hours a week throughout the year.

A study will be made of the personality and achievements of Cicero and Caesar and of the social and political conditions at the close of the Republic. The reading will be from Cicero's Letters and Caesar's Commentaries supplemented by selections from Cicero's Orations, Sallust's Catiline and Suetonius' Julius.

The Life and Early Work of Vergil: Dr. Ballou.

Three hours a week during the first semester.

The *Appendix Vergiliana* will be studied in connection with the ancient lives of Vergil and its authenticity will be discussed. The rest of the time will be given to the *Bucolics* and *Georgics*.

Medieval Latin: Dr. Ballou.

Three hours a week during the second semester.

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

* Granted leave of absence for the year 1928-29. The courses announced by Professor Ballou will be given by a lecturer to be appointed later.

Occasional lectures will be given upon the historical and cultural background of the period covered, and students will select special authors or subjects for further reading and reports.

The Roman Empire: Dr. Ballou.* *Two hours a week throughout the year.*
See page 63. *(Will not be given in 1928-29)*

HONOURS WORK

Honours The department offers two years of work for honours, either or both of which may be taken by students who have completed the major course with distinction.

In 1928-29 the work will centre on *Lucretius* and *Vergil* with a study of the literary circles of the time, and of the philosophical and religious trends at Rome in the Ciceronian and Augustan ages. (*See the statement under the advanced courses in Lucretius and Vergil on page 47.*)

In 1929-30 the work will be devoted to history and politics, and private and social life at Rome, with reading chiefly from Cicero's *Letters*, the historians and the satirists. At the conclusion of each year a general examination will be given on the reading of Latin and on the work of the year in relation to the student's previous training in Latin.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 137 to 139.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. SAMUEL CLAGGETT CHEW, Ph.D.
ASSOCIATE PROFESSOR-ELECT:	STEPHEN JOSEPH HERBEN, Ph.D.
ASSOCIATES:	RUTH GEORGE, A.B. ELEANOR GRACE CLARK, M.A. MARGARET MILLICENT CAREY, Ph.D.
NON-RESIDENT LECTURER:	SAMUEL ARTHUR KING, M.A.
INSTRUCTORS:	BARRETT H. CLARK HORTENSE FLEXNER KING, M.A. MARGARET STORRS, A.B. KATHARINE GARVIN, M.A. EDITH FINCH, M.A. LETITIA GRIERSON, A.B.

The instruction offered in English covers forty-three hours of lectures and recitations a week, and includes six hours of lectures on composition and literature required of every candidate for the Bachelor's degree; fifteen hours of First and Second Year English, which presuppose as much information as is contained in the required course; nine hours a week of free elective work; one hour a week of elective courses in English diction,

* Granted leave of absence for the year 1928-1929.

graduate courses in English literature, Anglo-Saxon and Early and Middle English and Honours work.

The required course consists of lectures on English literature; collateral reading assigned in illustration of the lectures; and a study of the principles of composition with practice in writing. The first year course must be completed before the second year course is taken.

*Required
Course*

FIRST YEAR

English Composition: Miss George, Miss Storrs, Miss Garvin, Miss Finch, Miss Grierson.

Three hours a week throughout the year.

(Given in each year)

The reading of English prose and poetry from the Romantic Period to the present time, with occasional reference to older classical models, is made the basis of study for both form and content, and constant writing is associated with the study.

Freshman Elective English: Miss George.

Two hours a week throughout the year.

An elective course, open to a limited group of freshmen, supplements the required course in both writing and reading.

The Principles of Articulation: Mr. King.

One hour a fortnight throughout the year.

(Given in each year)

This course deals with a system of oral gymnastics, by which a distinct, firm, and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice, and for acquiring a correct production, are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in every-day speech are clearly defined. A special class will be formed to assist those students whose defects of articulation are so marked as to make it difficult for them to work with the other members of the class. This course is required for the degree and must be taken by all students registered for the course in English Literature, but does not count in the required one hundred and twenty hours.

SECOND YEAR

(Given in each year)

English Literature: Miss Donnelly, Miss Carey, Miss Storrs, Miss Garvin, Miss Grierson.

Three hours a week throughout the year.

A survey of English literature from the Norman Conquest to the French Revolution. The lectures are supplemented by class discussions and written tests. The reading includes the best and most representative works in the field of the lectures.

The Sonant Properties of Speech: Mr. King.

One hour a fortnight throughout the year.

This course consists of a detailed study of the principles of inflection, pitch, and rhythm, together with special treatment of emphasis and rules on pausing. Students are required from time to time to read aloud in order that individual faults may be corrected. This course is required for the degree and must be taken by all students registered for the course in English Literature, but does not count in the required one hundred and twenty hours.

The major course in English differs from the other major courses of the college, in that it must always have been preceded by twelve hours study of English in the required undergraduate courses. Any of the first year courses may be taken separately as free electives by students that have completed the required course. All students taking a major course in

*Major
Course*

English must take one of the courses in Old or Middle English, and those students who wish to specialize in the earlier period must take at least one course in the later period.

COMPREHENSIVE EXAMINATION

In and after the year 1929-30 a comprehensive examination over the general field of English Literature will be required of all students electing English as a major.

FIRST YEAR

English Literature of the Romantic Period: Dr. Chew.

Three hours a week throughout the year.

(Given in each year)

The eighteenth-century background; the poetry of the period; the essay and novel; and the influence of continental literatures upon English literature are the chief topics in the course. Reports are required from each student.

Chaucer and the Chaucerian Period: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

The course begins with an outline of Middle English grammar sufficient to enable the students to read ordinary texts intelligently. Lectures are given on the development of the language and literature during the period, and in particular upon Chaucer's sources and literary art, and his relation to the English, French and Italian literature of his time. *The Troilus and Criseyde* (entire), the best of the *Canterbury Tales*, and certain of the minor poems are studied. A report is required from each student.

SECOND YEAR

English Critics of the Nineteenth Century: Miss Donnelly.

Three hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

Carlyle, Ruskin, Arnold, Pater, and, if time allows, two or three other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. A report is required from each student.

English Literature from Dryden to Johnson: Miss Donnelly.

Three hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

Dryden, Swift, Pope, Addison, Johnson, and, if time allows, other writers are studied, with regard to the development of classicism. A report is required from each student.

Old English Literature: Beowulf: Dr. Herben.

Three hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry will be read, followed by the *Beowulf* entire.

Middle English Romances: Dr. Herben.

Three hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

Selected romances in Middle English are read. The lectures deal with the development of Romance literature in Europe, with special reference to the romances of the Arthurian cycle.

Shakespeare; Elizabethan Drama: Miss Clark.

*Two hours a week throughout the year.**(Given in each year)*

The course is designed to introduce students to some of the important problems of modern Shakespearean criticism. A detailed study is made of a number of Shakespeare's plays, selected with a view to illustrating his earlier and later work. A large number of plays by Shakespeare's contemporaries from Lyly and Marlowe to Beaumont and Fletcher is assigned for reading. The lectures deal in part with aspects of contemporary life as reflected in the drama. Reports are required from each student.

HONOURS

In the first and second year courses work in special fields or subjects is offered to students who are recommended by the department for honours in English. Such work is related to the courses the student is following but adapted to her individual interests. It consists of independent reading, reports and conferences, followed by special examinations.

Honours

FREE ELECTIVE COURSES

Rhetoric: Dr. Crandall.

*Two hours a week throughout the year.**(Given in each year)*

The course consists of the study of rhetoric, with parallel reading and analysis of English prose and verse, and the writing of illustrative papers. The course is open to students who have completed the required course in English composition.

*Free
Elective
Courses*

Argumentation: Dr. Crandall.

*Two hours a week throughout the year.**(Given in each year)*

The writing of arguments, the study of the form with reference to other types of writing, and other problems connected with argumentation, formal and informal, make up the work of the course. The course is open to students who have completed the required course in English composition.

The Short Story: Dr. Crandall.

*Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

The course deals with various forms of narrative, more especially the short story, and includes a study of the work of representative authors, both English and French. The course is open to students who have completed the required course in English composition.

Criticism: Dr. Crandall.

*Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

The course includes a study of the principles of criticism and the writing of critical exposition, the essay, and kindred forms. The course is open to students who have completed the required course in English composition.

Versification: Mrs. King.

*Two hours a week throughout the year.**(Given in each year)*

The course is not historical but theoretical, and students are required to write short exercises in verse every week. The course is open to students who have completed the required course in English composition.

Playwriting: Mr. Clark.

*Two hours a week throughout the year.**(Given in 1928-29)*

Playwriting; Advanced Course: Mr. Clark.

*Two hours a week throughout the year.**(Given in 1928-29)*

Victorian Poets: Miss Clark.

Two hours a week throughout the year.

(Given in each year)

Tennyson, Browning and Arnold are the chief subjects of this course.

General Reading of Prose Authors: Mr. King.

One hour a week throughout the year.

(Given in 1928-29 and again in 1930-31)

This course is open only to those students who have attended the lectures in English. diction given in the general course.

Reading of Shakespeare: Mr. King.

One hour a week throughout the year.

(Given in 1929-30 and again in 1931-32)

This course is open only to those students who have attended the lectures in English diction given in the general course. A special study is made of the principles of correct delivery of blank verse. The needs of those students who expect to teach English literature and desire to read Shakespeare to their pupils are given special attention.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 139 to 140.

ROMANCE LANGUAGES

French

PROFESSOR:	EUNICE MORGAN SCHENCK, Ph.D.
ASSOCIATE PROFESSORS:	MARCELLE PARDÉ, Agrégée
	GRACE FRANK, A.B.
	JEAN CANU, Agrégé
ASSOCIATE:	MARGARET GILMAN, Ph.D.

The undergraduate instruction offered in French covers thirty-two hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year work; five hours a week of advanced courses, open only to graduates and to undergraduates who have completed the major course in French, and two hours of free elective. All the courses in French except the elective course and the seminars in Old French are conducted in the French language.

ADVANCED STANDING

Advanced Standing

An advanced standing examination in French, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Credit will be given, depending on the result of this examination, for all or part of the first year French course. Credit thus received may not be counted as part of the major course if French is elected as a major; more advanced courses in French chosen with the approval of the Department of French must be substituted for that part of the first year course for which credit has been given in the advanced standing examination by students taking French as a major.

UNDERGRADUATE STUDY IN FRANCE

Students who have chosen French as their major subject and who have at the end of their Sophomore year completed the Major Course, may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in France according to the "Delaware Foreign Study Plan."

Under-graduate Study in France

This plan provides for one year's supervised undergraduate study. The year is divided into two periods, a three-month preliminary period, from the last week in July to the last week in October, and the regular French academic session of eight months, November 1 to June 30. The preliminary period is spent at the University of Nancy. The regular session is spent in Paris, at the University of Paris and the Ecole Libre des Sciences Politiques.

The list of subjects available includes literature, history, history of art and economics. The formal lecture system of the French universities is supplemented by tutorial system classes arranged for the Foreign Study group. Private lessons in composition and diction are given throughout the year.

The students live in French families where they speak the language and gain some knowledge of French life. They also have the advantage of a carefully arranged programme of "extra-curriculum activities," which include operas and plays, as well as excursions in France and adjacent countries.

Only those students will be recommended who have shown a natural aptitude for the French language, have a high average in their college work and seem in the opinion of the Dean and the Department of French well qualified to represent the college.

Extra Curriculum

MAJOR COURSE

Entrance to the major course in French presupposes as much knowledge as is required to pass the matriculation examination in this subject.

Major Course

FIRST YEAR

(Given in each year)

The History of French Literature of the nineteenth century.

Three hours a week throughout the year.

1st Semester.

- Division A.* Mr. Canu.
- Division B.* Miss Pardé.
- Division C.* Dr. Gilman.

2nd Semester.

- Division A.* Miss Pardé.
- Division B.* Dr. Gilman.
- Division C.* Mr. Canu.

Critical reading in French prose and poetry of the nineteenth century; practical exercises in French Composition. *Two hours a week throughout the year.*

1st Semester.

- Division A.* Mr. Canu.
- Division B.* Miss Pardé.
- Division C.* Dr. Gilman.

*2nd Semester.**Division A.* Miss Pardé.*Division B.* Dr. Gilman.*Division C.* Mr. Canu.

Students are assigned to divisions after an aural test.

The course in the history of French literature may be taken separately only by students assigned to Division A.

SECOND YEAR

*(Given in each year)**1st Semester.*The History of French Literature in the seventeenth century, accompanied by collateral reading: Miss Pardé. *Three hours a week.*Critical Reading in the Literature of the seventeenth century. Studies in French Style and Composition: *Two hours a week.**Division A.* Mr. Canu.*Division B.* Dr. Gilman.*2nd Semester.*The History of French Literature in the eighteenth century, accompanied by collateral reading: Dr. Schenck. *Three hours a week.*Critical Reading in the Literature of the eighteenth century. Studies in French Style and Composition: *Two hours a week.**Division A.* Dr. Gilman.*Division B.* Mr. Canu.

FREE ELECTIVE COURSE

*Free
Elective
Course*

Modern Tendencies in French Literature: Dr. Schenck.

*Two hours a week throughout the year.**(Given in each year)*

Lectures, class discussion, and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in Required English Literature or the second year course in French Literature.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

French Fiction: Mr. Canu.

*Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

French Literature of the Sixteenth Century: Miss Pardé.

*Two hours a week throughout the year**(Given in 1929-30 and again in 1931-32)*

French Lyric Poetry since 1850: Dr. Gilman.

One hour a week throughout the year.

(Given in each year)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Schenck.

Two hours a week during the first semester.

Miss Pardé.

Two hours a week during the second semester.

(Given in each year)

The class has one meeting a week and fortnightly interviews.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 140 to 142.

Italian

ASSOCIATE: VITO G. TOGLIA, M.A.

INSTRUCTOR: MIRIAM GRUBB BROWN, A.B.

The undergraduate instruction offered in Italian covers seventeen hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year courses; two hours a week of free elective courses and five hours a week of advanced undergraduate courses.

An advanced standing examination in Italian, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering college. Depending on the result of this examination credit will be given for all or part of the first or second year Italian courses. Credit thus received may not be counted as part of the major course if Italian is elected as a major subject; more advanced courses in Italian chosen with the approval of the Department of Italian must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Italian as a major subject.

*Advanced
Standing*

FIRST YEAR

1st Semester.

(Given in each year)

Italian Grammar and Composition with reading in Italian authors of the Nineteenth Century: Miss Brown.

Five hours a week.

*Major
Course*

2nd Semester.

A survey of Italian Literature of the Nineteenth Century: Mr. Toglia and Miss Brown.

Three hours a week.

Lectures and class reading in Nineteenth Century Italian authors, accompanied by collateral reading.

Reading of modern Italian prose and practical exercises in Italian composition: Miss Brown.

Two hours a week.

SECOND YEAR

*(Given in each year)**1st Semester.*

The Italian Literature of the first half of the Nineteenth Century—Foscolo, Leopardi, Manzoni, etc.: Mr. Toglia. *Three hours a week.*

Italian Composition: translation of standard English authors into Italian, and critical reading of modern Italian prose: Mr. Toglia. *Two hours a week.*

2nd Semester.

The Early Italian Literature, with a special study of Dante's *Vita Nuova* and *Inferno*: Mr. Toglia. *Three hours a week.*

Italian Composition: translation of standard English authors into Italian, and critical reading of modern Italian prose: Mr. Toglia. *Two hours a week.*

FREE ELECTIVE COURSE

*Free
Elective
Course*

Modern Tendencies in Italian Literature: Mr. Toglia.

*Two hours a week throughout the year.**(Given in each year)*

A study of Italian writers and literary movements in the second half of the Nineteenth Century and the first quarter of the Twentieth. Lectures, class discussion, and reports are in English; the reading in connection with the course is in Italian.

Only those students will be admitted who have completed the course in general English Literature, and have a wider reading knowledge of Italian than is normally required in the First Year Course.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

*(To be given in 1928-29)**1st Semester.*

The Italian Literature of the Quattrocento—Selections from Ariosto's *Orlando Furioso*, Michaelangelo's Poems, Cellini's *Vita*, etc.: Mr. Toglia. *Three hours a week.*

2nd Semester.

The Italian Literature of the Cinquecento—Machiavelli's *Principe*, Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*, etc.: Mr. Toglia. *Three hours a week.*

*(To be given in 1929-30)**1st Semester.*

The Italian Literature of the Trecento—Dante's *Purgatorio* and *Paradiso*, etc.: Mr. Toglia. *Three hours a week.*

2nd Semester.

The Italian Literature of the Trecento and of the Quattrocento—Petrarch's *Rime*, Boccaccio's *Decameron*, Politian's Poems, etc.: Mr. Toglia. *Three hours a week.*

(Offered in each year)

Advanced Italian Composition: Mr. Toglia.

Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 142 to 143.

Spanish

ASSOCIATE PROFESSOR: JOSEPH EUGENE GILLET, Ph.D.

The instruction offered in Spanish covers fifteen hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year courses and five hours a week of advanced undergraduate courses.

An advanced standing examination in Spanish, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit will be given for all or a part of the first or second year Spanish courses. Credit thus received may not be counted as part of the major course if Spanish is elected as a major subject; more advanced courses in Spanish chosen with the approval of the Department of Spanish must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Spanish as a major subject.

*Advanced
Standing*

FIRST YEAR

(Given in each year)

1st Semester.

Spanish Grammar and Composition. Reading of easy modern Spanish prose: Dr. Gillet. *Five hours a week.*

*Major
Course*

2nd Semester.

Spanish Literature: Dr. Gillet. *Three hours a week.*

A study of moderately long and fairly difficult Spanish works by representative modern authors.

Intermediate Spanish Composition: Dr. Gillet. *Two hours a week.*

SECOND YEAR

1st Semester.

Reading of Classics in Spanish Literature, accompanied by a survey of Spanish literary history in the Nineteenth Century. *Three hours a week.*

Intermediate Spanish Composition. *Two hours a week.*

2d Semester.

Reading of Classics in Spanish Literature accompanied by a survey of Spanish literary history in the Seventeenth Century. *Three hours a week.*

Advanced Spanish Composition: Dr. Gillet. *Two hours a week.*

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports. *Three hours a week throughout the year.*

Advanced Spanish Composition: Dr. Gillet.

Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on page 143.

German

ASSOCIATE PROFESSORS: MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

INSTRUCTORS:

MARTHA MEYSENBURG DIEZ, M.A.

RUTH HOFRICHTER, Ph.D.

CHARLOTTE FINKENTHAL, A.B.

MARIE SCHNIEDERS, A.B.

The instruction offered in German covers twenty-nine hours of lectures and recitation a week; it includes ten hours a week of elementary German; four extra-curriculum hours of training in German reading; ten hours a week of undergraduate first and second year work and five hours a week of advanced courses, open to graduates and to undergraduates that have completed the major course in German. All the courses in German except the extra-curriculum reading courses are conducted in the German language.

Elementary Courses

A class for beginners in German, conducted in two sections by Mrs. M. M. Diez and Dr. Hofrichter, five hours a week throughout the year, is provided. Students taking this course may be admitted into the first year of the major course in German.

A class for beginners in Elementary German Grammar, to be given in four sections by Miss Finkenthal and Miss Schnieders, three hours a week. The purpose of this course is to lay the foundations for a reading knowledge of German and it is to be followed by supervised reading for juniors.

A course in Elementary German Reading is also offered by the department to students who have had the equivalent of at least one preparatory school year of work in German. This course is given in order to assist students in their preparation for the junior German reading examination by Dr. M. Diez and Dr. Hofrichter.

Two hours a week.

An extra-curriculum course is open to sophomores preparing for the reading examinations required of juniors and to graduate students; it is followed by supervised reading for juniors. The course is given by Mrs. M. M. Diez.

Three hours a week.

**Extra Cur-
riculum
Course**

An advanced standing examination in advanced German translation and composition, that is, an examination taken without attending the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit will be given for all or part of the first and second year German courses. Credit thus received may not be counted as part of the major course if German is elected as a major subject; more advanced courses in German chosen with the approval of the Department of German must be substituted for that part of the first and second year courses for which credit has been given in the advanced standing examination by students taking German as a major subject.

**Advanced
Standing**

The major course in German presupposes as much knowledge as is required to pass the matriculation examination in this subject.

**Major
Course**

FIRST YEAR

(Given in each year)

1st Semester.

Lectures on the History of Early and Classical German Literature, accompanied by collateral reading: Dr. M. Diez.

Two hours a week.

Critical Readings in German Prose and Poetry. Exercises in German Composition: Mrs. Diez.

Three hours a week.

2nd Semester.

Lectures on Classical German Literature and collateral reading (continued): Dr. M. Diez.

Two hours a week.

Critical Readings in German Prose and Poetry. Exercises in German Composition: Mrs. Diez.

Three hours a week.

SECOND YEAR

(Given in each year)

1st Semester.

Lectures on the History of German Literature during the first half of the Nineteenth Century, accompanied by collateral reading: Dr. M. Diez.

Three hours a week.

Critical Readings in Modern German Literature. Studies in German Style and Composition: Dr. Mezger.

Two hours a week.

2nd Semester.

Lectures on the History of German Literature from 1848 to the present, and collateral reading: Dr. M. Diez.

Three hours a week.

Critical Readings in Modern German Literature. Studies in German Style and Composition: Dr. Mezger.

Two hours a week.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

(Given in each year)

German Historical Grammar: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1928-29)

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Three hours a week throughout the year.

(Given in 1929-30)

History of German Lyric Poetry from the Minnesingers to the present time: Dr. M. Diez.

Three hours a week throughout the year.

(Given in 1930-31)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Three hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 144 to 146.

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D.

The undergraduate instruction offered in the department includes seven hours or more a week of free elective courses.

FREE ELECTIVE COURSES

*Free
Elective
Courses*

New Testament Introduction: Dr. Cadbury.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

A general study of the origin and character of the New Testament writings.

The Religion of Israel: Dr. Cadbury.

Three hours a week during the first semester.

(Given in each year)

A survey of the development of religious ideas and practices among the Hebrews during the early monarchy, under the influence of the prophets, and in the beginning of Judaism.

The Life and Teaching of Jesus: Dr. Cadbury.

Three hours a week during the second semester.

(Given in each year)

A discussion of the principal problems presented by the gospels for a recovery of an understanding of the career and character of Jesus of Nazareth.

Social Ideals of the New Testament: Dr. Cadbury.

One hour a week during the first semester.

(Given in 1928-29)

Moral Ideals of the Old Testament: Dr. Cadbury.

One hour a week during the second semester.

(Given in 1928-29)

Elementary Hebrew: Dr. Cadbury.

Two hours or more a week throughout the year.

(Given in 1928-29)

Rapid Reading in the Greek New Testament: Dr. Cadbury.

One hour a week throughout the year.

(Given in each year)

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

The Book of Job: Dr. Cadbury.

One hour a week during the second semester.

(Given in 1928-29 and again in 1929-1930)

Old Testament Introduction: Dr. Cadbury.

Two hours a week throughout the year.

(Given in 1929-30)

A general study of the origin and character of the Old Testament writings.

The Gospel of John: Dr. Cadbury.

One hour a week during the first semester.

(Given in 1929-30)

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on page 146.

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH, Ph.D.

CHARLES WENDELL DAVID, Ph.D.

DEAN OF THE COLLEGE:

HELEN TAFT MANNING, Ph.D.

PROFESSOR OF GREEK:

WILMER CAVE WRIGHT, Ph.D.

ASSOCIATE PROFESSOR OF LATIN:

SUSAN HELEN BALLOU,* Ph.D.

INSTRUCTOR:

CAROLINE ROBBINS, Ph.D.

* Granted leave of absence for the year 1928-29.

The undergraduate instruction offered in history comprises about twenty-five hours of lectures a week; it includes ten hours a week of undergraduate first and second year work in modern history and five hours a week of first year work in ancient history; two to five hours a week of free elective and five hours a week of advanced undergraduate courses, open only to graduates and undergraduates who have completed the major course in history.

*Major
Course*

The object of the major course in history is three-fold. Primarily, history is taught for its own sake as a record of the development of humanity; secondarily, as a necessary accompaniment to the study of political institutions; and finally, as a framework for other forms of research, linguistic, religious, or archaeological. The courses are planned to develop in the students a readier historical sense, and a consciousness of historical growth, rather than to give them a mere outline of general history. The instruction consists mainly of lectures, which are designed to create interest in the broad lines of historical development; the lectures are accompanied by constant references for private reading, to stimulate accuracy in detail and independence in judgment: and in all courses except those of the first year students prepare reports based upon their own researches.

*Honours
Work*

For students who have shown marked ability in the first two years of their historical study provision is made for honours work. At the end of the senior year a general examination in history will be offered and the satisfactory passing of this examination will entitle the student to receive her degree with distinction in history.

FIRST YEAR

1st Semester.

(Given in each year)

*Major
Course*

Mediaeval and Modern Europe to 1763: Dr. David and Dean Manning.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, one conducted by Dr. David, the other by Dean Manning.)

The work of this and the following semester is designed not to give a summary view of European history but to select and enlarge upon such aspects of it as are essential to the understanding of the modern world. In consequence, more attention is devoted to the period beginning with the French Revolution than to the preceding centuries. Among the topics considered during the first semester are the ideal of a united Christendom as embodied in the Holy Roman Empire and the Catholic Church, the causes and effects of the Crusades, the rise of national states, the Reformation and the Counter Reformation, the maintenance of a European balance of power, the progress of colonization, the rise of Prussia and of Russia. The instruction is given by means of lectures, required reading and discussion.

2nd Semester.

Modern Europe since 1763: Dr. David and Dr. Robbins.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, one conducted by Dr. David, the other by Dr. Robbins.)

In this semester the political and social transformation of Europe which was initiated by the French Revolution is studied. The outcome of the Revolution, the career of Napoleon, the absolutist reaction of the early Nineteenth Century, the successive revolts against this, the formation of modern constitutional governments, the creation of the German Empire and the Kingdom of Italy, the extension of European influence to Asia and Africa, the causes and progress of the World War, and the treatment of social problems of today are among the topics considered. The instruction follows the methods used in the first semester.

SECOND YEAR

1st Semester.

(Given in each year)

History of the Renaissance: Dr. Gray.

Five hours a week.

(This course may be elected only by students who have studied history at least five hours a week for one year. Under this condition it may be taken as a free elective.)

An endeavor is made to indicate in what ways mediæval life and thought were transformed into those of modern Europe. Political, economic, literary, artistic and scientific changes, therefore, are studied. Since Italians were prominent in the new movements, most attention is given to Italian history, but the innovations of the North, especially those connected with the new Burgundian State, are not neglected. The period extends in a general way from 1250 to 1527.

2nd Semester.

History of the United States since 1783: Dr. William Roy Smith.

Five hours a week.

(This course may be elected only by students who have studied history at least five hours a week for one year. Under this condition it may be taken as a free elective.)

The aim of this course is to present the historical background necessary to enable students to discuss intelligently the more important social, industrial, political, and diplomatic problems of the present day. The chief emphasis is placed upon the period since 1850.

FREE ELECTIVE COURSES

British Imperialism: Dr. William Roy Smith.

*Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

(This course may be elected only by students who have studied history at least five hours a week for one year.)

This course deals with the external history of the English people: the sea-rovers of the Sixteenth Century; the beginnings of American colonization; the contrast between the old colonial system and the new; the history of Canada, Australasia, South Africa, India, Egypt and other colonies and dependencies; the new imperialism of Beaconsfield and Chamberlain; the present position of England as a world power.

Civilisation of the Ancient World: Dr. David.

*Three hours a week throughout the year.**(Given in 1929-30)*

Special attention is paid to Greece and Rome; but extended consideration is also given to the subject of pre-history, to the early civilisations of western Asia, Egypt, and the Ægean region, and to the influence of environment, race, and culture upon human development. The evolution of civilisation as a whole, from earliest times to the Fourth Century A. D., is presented in a single synthesis.

England under the Tudors and Stuarts: Dr. Robbins.

*Three hours a week during the second semester.**(Given in 1929-30)*

Attention is given to the rise and character of Tudor and Stuart absolutism, parliamentary and local government, dynastic ambitions, foreign trade, the prosperity of the towns and the yeomen, the progress of the Reformation, and the complications in foreign affairs arising from religious changes.

The Roman Empire: Dr. Ballou.*

Two hours a week throughout the year.

(This and the following course may be taken by students who have had or are having the course in Ancient Civilization, or the Major course in Latin. Exceptions may be made for students of special qualifications.)

The course will deal with the social, economic, and administrative history of the Empire. The growth and development of the Principate will also be traced from the earlier institutions of the Republic, and primary source material will be used where available.

*Granted leave of absence for the year 1928-29.

Hellenistic Civilisation: Dr. Ballou.

*Two hours a week throughout the year.**(Given in 1929-30)*

This course will deal with the conditions in the last three centuries preceding the Christian era which resulted from the conquests of Alexander and the consequent Hellenisation of the ancient civilised world. Administrative and economic conditions in Ptolemaic Egypt, as revealed by the recently discovered Greek papyri, will be especially studied as typical of the period. This will be followed by a study of Rome in the time of the Republic, both internally and in relation to the rest of the Hellenised world.

Greek Religion and Greek Myths: Dr. Wright.*

*Two hours a week throughout the year.**(Given in each year)*

(This course may be taken as a free elective or as part of the first year course in Ancient History and may be entered in the second semester.)

The course treats of the development of Greek religion, the attributes of the Olympian gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Europe since 1870: Dr. Gray.

*Three hours a week throughout the year.**(Given in 1928-29)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress, and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles, and the strong position of labour in post-bellum society are among the subjects studied. A reading knowledge of French is required.

American Colonial History (1492-1763): Dr. W. R. Smith.

*Three hours a week throughout the year.**(Given in 1929-30)*

This course deals primarily with the English colonisation of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion.

History of the United States since 1865: Dr. W. R. Smith.

*Two hours a week throughout the year.**(Given in 1930-31)*

The French Revolution and Napoleon: Dr. David.

*Two hours a week throughout the year.**(Given in 1928-29)*

This course treats of the history of France and of Europe from 1789 to 1815, by means of lectures and reports. The period is considered as an organic whole and the career of Napoleon is regarded as that of a child of the Revolution. The increasing mass of secondary material is appraised and some printed documentary material is used for reports and references. A reading knowledge of French is required.

* Granted leave of absence for the year 1928-29. The course announced by Professor Wright will be given by Dr. Gifford.

Study preparatory for Honours: Dr. W. R. Smith and Dr. H. L. Gray.

Five hours a week throughout the year.

Honours

Students electing this work will meet the instructor each week for the discussion of various topics in the general field of history. These will be selected to coordinate their knowledge and to prepare them for the general examination in honours to be taken at the end of their senior year. Each student will also in each semester undertake for herself independent historical investigation of a single topic under the immediate direction of the instructor. The latter work may with the permission of the instructor be omitted. If this is allowed, credit for the year's work will be reduced from five to three hours.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 146 to 148.

Economics and Politics

PROFESSORS:

MARION PARRIS SMITH, Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ASSOCIATE PROFESSOR:

ROGER HEWES WELLS, Ph.D.

NON-RESIDENT LECTURER:

JOHN DICKINSON, Ph.D.

ASSOCIATE IN SOCIAL ECONOMY

AND SOCIAL RESEARCH: ELEANOR LANSING DULLES, Ph.D.

The undergraduate instruction offered in this department covers sixteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work; one hour of free elective and five hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in economics and politics.

The object of the undergraduate courses in economics and politics is three-fold: first, to trace the history of economic and political thought; second, to describe the development of economic and political institutions; and third, to consider the practical economic and political questions of the day. Instruction is given by lectures. The lectures are supplemented by private reading, by oral and written quizzes, by written theses and reports, and by such special class-room exercises as the different subjects require.

FIRST YEAR

(Given in each year)

1st Semester.

The Economic World: Dr. M. P. Smith and Dr. Wells.

Five hours a week.

**Major
Course**

(This course may be taken as a free elective. The class is divided into two sections, A and B, one conducted by Dr. M. P. Smith and one by Dr. Wells.)

The object of this course is to familiarize students with the economic world in which they live. The following topics will be studied: Economic Geography of the United States; Natural Resources, Population, including Immigration; Problems of Rural Life; Problems of Urban Life; and the following Economic Institutions, Organization of Manufacture, Organization of Labor, Transportation, Marketing, Money and Banking, International Trade, and Public Finance.

This course is not only intended as a foundation for the students who wish to specialize in Economics, but also as a survey of the most important problems of economic life for the student whose interests lie in other fields.

Students are required to write occasional short papers in connection with their private reading, and one short report on a specially assigned topic.

2nd Semester.

Introduction to Government and Politics: Dr. Fenwick and Dr. Wells.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, A and B, one conducted by Dr. Fenwick and one by Dr. Wells.)

The object of this course is to present the structure and organization of the government of the United States and of the governments of the several states, together with an examination of the party system and its effects upon the actual operations of government. It is followed by a comparative study of the governments of Great Britain, France, and Germany.

SECOND YEAR

*1st Semester.**(Given in 1928-29)*

Present Political Problems: Dr. Fenwick.

Five hours a week.

This course deals with the vital problems of modern government, both theoretical and practical. It inquires into the authority of the state and the legal and moral basis upon which it rests. It analyzes the constitutional foundations of modern democracy and the newer forms of organization which are replacing the old governmental machinery. In particular it examines the new fields into which government is extending its control and the limitations in this respect imposed by the Constitution of the United States.

2nd Semester.

History of Economic Thought and Recent Economic Problems: Dr. M. P. Smith.

Five hours a week.

The object of this course is to trace the history of secular thinking on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labor, value and price, to the present time.

An historical introduction occupying about half the semester leads to a survey of the modern economic world and its problems.

The students are expected to do extensive reading and to write a number of short papers on their reading.

*Free
Elective
Courses*

FREE ELECTIVE COURSE

Elements of Law: Dr. Fenwick.

*One hour a week throughout the year.**(Given in each year)*

(This course may be elected only by students who have studied economics and politics or modern history at least five hours a week for one year.)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The subjects covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property, and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

International Finance: Dr. Dulles.

Two hours a week throughout the year.

The object of the course is to show present tendencies in foreign commerce and in international investments, to indicate the importance of public and private debts in the relations of the United States with other countries, and to show the influence of international finance on the so-called cyclical fluctuations of business.

Some of the topics included are, the Foreign Commerce of the United States, Investments Abroad, War Debts, the Influence of Foreign Price Levels on Domestic Production, the Coordination of Central Bank Policies in Different Countries, Gold Movements and the Effects of Depreciated Paper Currency.

NOTE.—The first year course in Economics and Politics is a prerequisite for this course.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.

Three hours a week throughout the year.

(Given in 1928-29)

Municipal Institutions: Dr. Wells.

Two hours a week throughout the year.

(Given in 1928-29)

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 148 to 150.

Social Economy and Social Research

*The Carola Woerishoffer Graduate Department of Social Economy and
Social Research*

PROFESSOR:	SUSAN MYRA KINGSBURY, Ph.D.
ASSOCIATE PROFESSOR:	HORNELL HART, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
NON-RESIDENT LECTURERS:	EVA WHITING WHITE, A.B.
	LILLIAN MOLLER GILBRETH, Ph.D.
SPECIAL LECTURER:	ALICE HAMILTON, Ph.D.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The undergraduate instruction offered in this department covers ten hours a week of free electives.

*Free
Elective
Courses*

FREE ELECTIVE COURSES

Elements of Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*

(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, graphic methods, averages, measures of variation, theory of sampling, index numbers, theory of probability, and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

Two hours a week throughout the year.

(Given in each year)

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighbourhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart.

Three hours a week throughout the year.

(Given in each year)

The status of culture at various prehistoric times, ancient times and modern times, is compared, and the relative rates of culture acquisition in various epochs ascertained. Instances of swift rise and of decline in culture will be studied, an inductive analysis of inventions will be made, differences in the rates of diffusion—of various sorts of culture elements at given times and of given culture elements at various times and places—will be examined, and the cultures of modern primitive peoples and the pre-Columbian civilisations in America will be studied with a view to determining the conditions under which culture originates, grows, is transmitted and decays. A course in a social science is prerequisite for this course.

Labour Movements: Dr. Dulles.

Three hours a week throughout the year.

(Given in each year)

For purposes of this course the field of labour economy is divided into six parts: I. *The Approach* deals with the different economic points of view from which the subject may be considered, especially those of the "scientific" and of the "functional" economists. II. *The Rise of the Present Industrial Organization* is developed through a study of the history of certain industries, such as glass making, cloth making, steel manufacture, shoe making, mining, fishing, etc. III. *Labour Organization* includes a study of the American Federation of Labour, its history, structure, methods and motives; of independent organizations such as the Industrial Workers of the World, the Railway Brotherhoods, etc.; of the British labour movement; and of the continental labour movements in brief. IV. *Labour Legislation* includes social insurance, safety and wage legislation. V. *Labour Management* treats of such problems as fluctuations in employment, labour turnover, business cycles, regulation of output; and of such methods as scientific management, personnel work, employee representation, budgeting, and kindred subjects. VI. *Labour and Politics* outlines the political ideas upon which various forms of industrial organization are based; attempts to evaluate existing labour institutions in terms of social function; examines proposed methods of attaining a more satisfactory state of society such as the various "Utopias," Marxian socialism, guild socialism, communism, state control of industry; and considers the future of industrial society.

GRADUATE WORK

The graduate work offered in this department is described in Part II of this calendar on pages 150 to 158.

Philosophy

PROFESSOR: THEODORE DE LEO DE LAGUNA, Ph.D.
 ASSOCIATE PROFESSOR: GRACE MEAD ANDRUS DE LAGUNA, Ph.D.
 READER: Appointment to be made.

The undergraduate instruction offered in this department covers thirteen hours of lectures a week: it includes a required course of two hours a week and ten hours a week of undergraduate first and second year work.

A course in philosophy, two hours a week throughout the year, and a course in psychology, two hours a week throughout the year, are required of all candidates for the degree of Bachelor of Arts.

The first year course in philosophy presupposes as much information as is contained in the required course.

History of European Thought: Dr. Theodore de Laguna, Dr. Grace de Laguna.

Two hours a week throughout the year.

(Given in each year)

**Required
Course**

¹ The lectures treat in outline of the development of the scientific attitude toward the world, from the beginnings of Greek speculation to the Nineteenth Century. Selections from ancient and modern philosophical literature are read by the class.

FIRST YEAR

(Given in each year)

1st Semester.

Elementary Ethics: Dr. Theodore de Laguna.

Three hours a week.

**Major
Course**

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The classical theories of the subject, such as Stoicism and Epicureanism, are briefly treated, emphasis being laid less upon the abstract issues involved than upon the rival "ways of life." The modern evolutionary theory of morals is studied at greater length.

History of Morality: Dr. Grace de Laguna.

Two hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This course treats of the development of moral ideals and obligations from primitive to civilized conditions. Especial attention is given to the moral standards connected with marriage and the position of women. The relation of morality to magic and taboo, as well as to polytheistic and monotheistic religion, is studied, and also the interaction between economic conditions and moral standards.

2nd Semester.

Philosophical Problems: Dr. Grace de Laguna.

Three hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This is primarily a discussion-course. The student will be introduced to certain of the classic philosophical problems and typical solutions which are offered for them. The problems selected for discussion will be those which are living issues, and an attempt will be made to show their bearing on scientific and social movements of the present time. For example, the problem of free-will and determinism will be considered in its bearing upon the question of social responsibility and the punishment of criminals; the problem of the nature of mind and its connection with the body will be related to the recent psychological controversy over behaviorism.

James and Bergson: Dr. Theodore de Laguna.

Two hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The course is based principally upon James's *The Will to Believe* and Bergson's *Creative Evolution*. It is intended to serve especially as an introduction to the theory of knowledge, thus supplementing the study of metaphysical problems in the accompanying three hour course.

SECOND YEAR

(Given in each year)

1st Semester.

From Kant to Spencer: Dr. Grace de Laguna.

Three hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is principally devoted to the study of the post-Kantian idealism. The naturalistic systems of Comte, John Stuart Mill, and Spencer are more briefly considered.

Social Philosophy: Dr. Theodore de Laguna.

Two hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is a study of the philosophical ideas that have been connected with the rise of modern democracy and nationalism. The more important theories of the nature of the state, and of the relation of the state to other forms of social union, will be discussed; also certain special moral questions related to the theory of punishment.

2nd Semester.

Recent Philosophical Tendencies: Dr. Theodore de Laguna.

Three hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

An introduction to contemporary controversy is given by way of a study of a few of the more important recent movements of thought.

Elementary Aesthetics: Dr. Grace de Laguna.

Two hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

The subject is approached primarily from the anthropological side. The origins of art and its relations to other forms of culture, especially magic, religion, industry, and war, are studied, as well as the development and diffusion of æsthetic standards. Briefer consideration is given to the psychological phenomena involved in æsthetic appreciation.

FREE ELECTIVE COURSE

Philosophy of Evolution: Dr. Theodore de Laguna.

One hour a week throughout the year.

(May be taken in connection with the two-hour required courses in philosophy and psychology to complete the old five-hour requirement in philosophy and psychology.)

The lectures will treat of the rise of theories of social and organic evolution in ancient and modern times, the various kinds of evidence upon which they have been based, and the influence of evolutionary conceptions upon metaphysics, ethics, and the theory of scientific method.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on page 158.

Psychology

PROFESSORS:	JAMES H. LEUBA, Ph.D. AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	HARRY HELSON, Ph.D.
DEMONSTRATOR:	JANE FRANCES FAISSLER, A.B.
READER:	RUTH PETERS, A.B.

The undergraduate instruction offered in this department covers fourteen hours of lectures a week; it includes a required course of two hours a week; ten hours a week of undergraduate first and second year work; [two hours a week of free elective work and in addition honours work may be done by students who have distinguished themselves in the regular courses.

A course in psychology, two hours a week throughout the year, and a course in philosophy, two hours a week throughout the year, are required of all candidates for a degree.

The first year course in psychology presupposes as much information as is obtained in the required course.

Psychology: Dr. Leuba.

Two hours a week throughout the year.

**Required
Course**

(Given in each year)

The text-book used is Pillsbury's *Essentials of Psychology*. In connection with the lectures there are experimental demonstrations.

FIRST YEAR

1st Semester.

(Given in each year)

Experimental Psychology: Dr. Helson.

Five hours a week.

Laboratory Work: Dr. Helson.

Four hours a week.

**Major
Course**

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

The lectures take up certain topics in systematic psychology. The historical, critical, and theoretical features of the subjects covered are discussed and the experimental features demonstrated. Special stress is laid on the comparative study of methods. The laboratory work consists of individual practice in selected topics.

2nd Semester.

The Psychology of Action Including Instinct, Emotion and Animal Behaviour: Dr. Leuba.

Five hours a week.

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

Although this course does not necessitate a special knowledge of biology, yet it appeals to students of that science since it deals with animal behaviour. The analysis of the methods by which animals learn is of special interest to students of education because of the light thrown upon the problems of learning in man.

SECOND YEAR

*1st Semester.**(Given in each year)*

Social Psychology: The Psychology of Group Life and of Some Social Institutions: Dr. Leuba. *Five hours a week.*

(Open only to students who have taken the first year course in Psychology of Action five hours a week in the second semester. Experimental Psychology is not a prerequisite. May be taken as a free elective.)

2nd Semester.

Mental Tests and Measurements: Dr. Rogers.

Five hours a week.

Laboratory Work: Dr. Rogers.

Four hours a week.

(Open only to students who have taken the first year course in Experimental Psychology, five hours a week during the first semester. May be taken as a free elective.)

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

FREE ELECTIVE COURSE

Advanced Experimental Psychology: Dr. Helson.

*Two or more hours a week throughout the year.**(Given in each year)*

This course is intended for students who wish to be trained in research work. It is primarily for third year students in psychology, but in very special cases by permission of the instructor it may be taken by a student who has taken the first year course in experimental psychology. The instructor will co-operate with the students in the solution of some original problems. A reading knowledge of French and German is required.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 159 to 160.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR:	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	ILSE FOREST, Ph.D.
INSTRUCTOR:	CECILIA IRENE BAECHELE, M.A.
READER AND DEMONSTRATOR:	HARRIET HOWE AHLERS, A.B.
ASSISTANT IN THE CLINIC:	ELLA M. GARDNER, M.A.

The undergraduate instruction offered in this department covers nine hours a week and an additional five hours a week for the second semester only of free elective courses.

FREE ELECTIVE COURSES

Educational Psychology: Dr. Rogers. *Three hours a week throughout the year.*
(Given in each year)

This course provides the psychological basis for educational theory and practice, including the psychology of elementary and high school subjects.

The Psychology of the Elementary and High School Subjects: Dr. Rogers.

Open only to students who have taken or are taking the course in Educational Psychology.

Mental Tests and Measurements: Dr. Rogers.

Five hours a week during the second semester.

Laboratory Work: Dr. Rogers. *Four hours a week during the second semester.*
(Given in each year)

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

This course is open to students who have attended the minor course in experimental psychology or its equivalent.

Child Psychology: Dr. Forest. *Three hours a week throughout the year.*
(Given in each year)

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest. *Two hours a week throughout the year.*
(Given in each year)

This course presents a study of the principles underlying the educative process. It includes such topics as (1) the relation of the school to the community, (2) a critical consideration of the methods of teaching, (3) the determination of what should be taught in schools and (4) how they should be organized and administered.

Advanced Principles of Education. Dr. Forest.

One hour a week throughout the year.

(Given in each year)

This course deals with special phases of the principles of education depending upon the needs and interests of the students who are registered in the two-hour course.

This course will be given only when, in the opinion of the instructor, there are students who can profit by it. Students may enter the course only with the special permission of the instructor.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 160 to 162.

Classical Archæology

PROFESSOR: RHYLS CARPENTER, Ph.D.*

ASSOCIATE PROFESSOR AND ACTING

HEAD OF THE DEPARTMENT: MARY HAMILTON SWINDLER, Ph.D.

LECTURER: PRENTICE DUELL, M.Arch.

Undergraduate courses of three hours a week and two hours a week are offered affording an introduction to the various branches of classical

* Granted leave of absence for the years 1927-29 to fill the post of Director of the School for Classical Studies in Athens.

archæology. It is recommended that those who elect archæology as a major subject should offer Greek Sculpture, Ancient Painting and Vases, and Greek Minor Arts, during their first year, reserving for their second year the courses on Ancient Architecture, Roman Architecture, Art and Life in Hellenistic Towns, Egypt and Crete, and Ancient Rome. The elective course in Greek Religion and Greek Myths may be substituted for any two hours course. The undergraduate courses are fully illustrated with lantern slides, and photographs are available for review and comparison.

Major Course

FIRST YEAR

(Given in each year)

Greek Sculpture: Dr. Carpenter.* *Three hours a week throughout the year.*

A critical study of the rise, perfection, and ultimate developments of sculpture in Greece. The course is intended as a general introduction to the principles and appreciation of sculpture.

Ancient Painting and Vases: Dr. Swindler.

Two hours a week during the first semester.

The course traces the development of ancient painting. The material studied includes Egyptian and Cretan frescoes, Greek vases, Pompeian wall paintings and the paintings from Etruscan sites.

Greek Minor Arts: Dr. Carpenter.†

Two hours a week during the second semester.

In addition to the archæological study of ancient Greek coins, gems, jewelry, silver-smithing, and terra-cotta, this course serves to give an understanding of the general æsthetic principles of art by an analysis of the morphological evolution and fundamental assumptions of Greek art. The course includes a brief treatment of the influence of Hellenic art on the art of other races.

Greek Religion and Greek Myths: Dr. Wright.‡

Two hours a week throughout the year.

This course is supplementary to Greek and English literature and to Oriental and Classical Archæology and treats of the development of Greek religion, the attributes of the Olympian Gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths. The course may be entered in the second semester.

SECOND YEAR

Ancient Architecture: Dr. Carpenter.†

Three hours a year during the first semester.

(Given in each year)

The first twelve lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

* This course will be given in 1928-29 by Dr. Swindler.

† This course will be given in 1928-29 by Mr. Duell.

‡ Granted leave of absence for the year 1928-29. The courses announced by Professor Wright will be offered by Miss Gifford.

Art and Life in Hellenistic Towns: Dr. Carpenter.**(Will not be given in 1928-29)*

A reconstruction, from existing remains, of town and city life in the period between the death of Alexander the Great and the Roman domination.

Topography and Monuments of Ancient Athens: Mr. Duell.*Two hours a week during the first semester.**(Given in 1928-29)***Roman Architecture: Dr. Carpenter.†***Three hours a week during the second semester.**(Given in each year)*

The architecture of Rome and the Roman Empire down to late Imperial times is studied. Students who have not taken the course in Ancient Architecture are required to prepare themselves by reading Warren's *Foundations of Classic Architecture*, chapter v, and Fowler and Wheeler's *Greek Archæology*, chapter ii. The course on Ancient Rome should be taken in connection with this course.

Egypt and Crete: Dr. Carpenter.* *One hour a week during the second semester.**(Will not be given in 1928-29)*

A general study of the artistic and material aspects of the ancient Egyptian and the Cretan and Mycenaean civilizations. This course may be combined with Ancient Architecture, Ancient Rome, or Greek Minor Arts.

Ancient Rome: Dr. Swindler. *Two hours a week during the second semester.**(Given in each year)*

The course deals with the art and material civilization of Rome through Republican and Imperial times. It is intended as an archæological background to Latin studies and as an introduction to Roman art, especially sculpture and painting. The course includes a study of Etruscan art and its influence on early Rome.

FREE ELECTIVE COURSE**American Archæology: Mr. Duell.** *Two hours a week throughout the year.*

This course will treat of the Aztec and Maya civilizations, will deal with Indian Archæology and close with a survey of Spanish missions.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 162 to 163.

History of Art

PROFESSOR: GEORGIANA GODDARD KING, M.A.

ASSOCIATE PROFESSOR: ERNST DIEZ, Ph.D.

The undergraduate instruction offered in History of Art covers fifteen hours of lectures a week. It includes ten hours a week of undergraduate first and second year work, and five hours a week of advanced under-

* Granted leave of absence for the years 1927-29 to fill the post of Director of the School for Classical Studies in Athens.

† Given in 1928-29 by Mr. Duell.

graduate work open to graduate students and to undergraduates who have completed the major course in History of Art.

All the courses are illustrated with lantern slides, a large collection of photographs is used in the course of study and the photographs are available for review and comparison.

The Art Club, a student organization, offers an extra curriculum course in drawing and painting on Saturday mornings. The students work individually also during the week. This work is carried on under the auspices of the Department of History of Art.

FIRST YEAR

(Given in each year)

Major Course

Italian Painting of the Renaissance from the Middle of the Thirteenth to the Middle of the Sixteenth Century: Miss King.

Three hours a week throughout the year.

(May be taken as a free elective)

In the first semester the Italian Primitives are studied, chiefly in the schools of Florence, Siena, and Umbria; in the second semester the painters of the High Renaissance, with special attention to those of Venice and the north of Italy. The course is illustrated with photographs and lantern slides.

Art in Asia: Dr. E. Diez.

Two hours a week throughout the year.

(May be taken as a free elective)

A general introduction in the history of art in Asia since the period of Alexander the Great. The great cycles of art in Asia, the east-Christian, the Sassanian, the Mohammedan, the Indian and the Far Eastern are studied. The main monuments of these different arts are discussed and the difference considered between the art of Islam and the Far Eastern Buddhistic art.

SECOND YEAR

(Given in each year)

Painting Since the Renaissance: Miss King.

Two hours a week throughout the year.

Northern painting: in the first semester the Flemish primitives, and the great masters of Spain and the Low Countries in the Seventeenth Century, are studied carefully; some acquaintance with the French and German primitives, and with the art of the Eighteenth Century in France and England is also comprehended in the plan.

Modern Painting: in the second semester the course deals with the history of painting since 1800 and comes down to the present year. Students are expected to make trips to Philadelphia and the neighbourhood to study pictures as often as may seem necessary.

Mediæval Art, Byzantine and Romanesque: Dr. E. Diez.

Three hours a week during the first semester.

Byzantine art in its various aspects is studied in the early part of the semester and the question of its origin considered. The latter part of the time is devoted to architecture and the allied arts in Italy, Germany, France and Spain up to the close of the Romanesque period.

Mediæval Art, Gothic: Dr. E. Diez.

Three hours a week during the second semester.

A continuation of the course in Mediæval Art offered in the first semester. Gothic Art, including glass and miniatures, is traced down into the Renaissance. Emphasis will be placed on Gothic Architecture.

ADVANCED UNDERGRADUATE COURSES

Renaissance Sculpture: Miss King. *Three hours a week throughout the year.*

*Advanced
Courses*

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

Spanish Architecture: Miss King. *Three hours a week throughout the year.*

(Given in 1928-29 and again in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic Churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Spanish Primitives: Miss King. *Three hours a week throughout the year.*

(Given in 1929-30)

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Oriental Art: Dr. E. Diez. *Two hours a week throughout the year.*

(Given in 1929-30)

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the æsthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez. *Two hours a week throughout the year.*

(Given in 1928-29 and also in 1930-31)

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the Seventeenth and Eighteenth Centuries.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 163 to 165.

Music

PROFESSOR: HORACE ALWYNE, F.R.M.C.M.

INSTRUCTOR: ERNEST WILLOUGHBY, A.R.C.M.

☞ The undergraduate instruction offered in theoretical music covers fourteen hours of lectures a week.

The objects of the undergraduate course in music are to permit students to make music an integral part of a liberal education, and to enable them, through the courses in Harmony and Counterpoint, to gain a knowledge of the technique of composition by actual experience in using its materials, and, through the courses in History and Appreciation of Music, to realize the significance of great music æsthetically, historically and sociologically. In the latter courses a large number of compositions drawn from all forms of music are performed and discussed in the classes.

The "Music Fund" of Boston, Massachusetts, offers a scholarship of the value of \$350 to \$500 to students, graduate or undergraduate, training to become teachers of music in public or private schools or colleges. This is open to students who have complied with the requirements for admission to Bryn Mawr College.

The Department of Music gives a series of concerts and recitals assisted by well-known artists, which is designed to supplement and amplify the work done in the Courses in History and Appreciation of Music, and an informal musicale once a month in which students take part as well as visiting musicians. A lecture is given each week outside college hours and open to all members of the College, on the programme to be performed by the Philadelphia Orchestra or by other important musical organizations or artists.

The chapel choir of forty members and the college glee club are organised under the direction of the Department of Music.

FREE ELECTIVE COURSES

Free Elective Course

History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Three hours a week throughout the year.

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven, and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archæology, History of Art, and English will discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Three hours a week throughout the year.

(Given in each year)

The course in History and Appreciation of Music is required for admission.

This course consists of the study of the History of Music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, and Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

Elementary Harmony: Mr. Willoughby. *Two hours a week throughout the year.*

(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing from notes and to take musical dictation.

This course is the beginning of composition. It does not impose upon the student mere copying of a model, but gives her some intellectual and æsthetic liberty. The student learns to use major and minor triads in their root positions and inversions and the dominant seventh chord. The student learns not only to write these logically but to hear them when writing them. Original melodies are required, these being based on poetic meters.

Elementary Counterpoint: Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course offers full opportunity for the expression of the individual student.

Advanced Harmony: Mr. Alwyne and Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony and carries the student through modern harmonic relations. Original melodies are written and harmonized, many modern compositions are analyzed, and an opportunity is given for freedom of expression.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found on pages 165 to 167.

Mathematics

ASSOCIATE PROFESSOR: DAVID VERNON WIDDER, Ph.D.

NON-RESIDENT LECTURER: ANNA PELL-WHEELER, Ph.D.

INSTRUCTOR: MARGUERITE LEHR, Ph.D.

The undergraduate instruction offered in mathematics covers eighteen and a half hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year work and eight hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in mathematics.

In the second year course the students are able to gain a fair knowledge of the principal subjects belonging to the department of pure mathematics.

*Preparatory
Course*

The points of contact of mathematics with other sciences are indicated as far as possible throughout the course.

The two-hour course in trigonometry included in the first semester of the first year course in mathematics may be taken separately as a free elective. It is required for admission to the second year courses in physics. An examination for advanced standing may be taken by those who do not wish to attend the course and yet wish to elect the first year course in mathematics or the second year course in physics.

FIRST YEAR

(Given in each year)

Major Course

1st Semester.

Analytic Geometry: Dr. Lehr.

Trigonometry:*

Two hours a week.

The course in trigonometry may be taken separately as a free elective. The course in analytical conics may be taken separately by those students only who have passed the examination for advanced standing in trigonometry.

2nd Semester.

Elementary Differential and Integral Calculus: Dr. Widder.

Three hours a week.

Algebra and Theory of Equations: Dr. Lehr.

Two hours a week.

The three-hour and two-hour courses in this semester may not be elected separately.

SECOND YEAR

(Given in each year)

1st Semester.

Differential and Integral Calculus: Dr. Widder.

Three hours a week.

Analytical Geometry of three Dimensions and Calculus: Dr. Lehr.

Two hours a week.

2nd Semester.

Calculus, General Survey of Mathematics: Dr. Lehr.

Three hours a week.

Differential Equations:*

Two hours a week.

The three-hour and two-hour courses in each semester may not be elected separately.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

The advanced courses chosen from in any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder.

Three hours a week throughout the year.

Interpolation and Approximation: Dr. Widder.

Three hours a week during the first semester.

Vector Analysis and Applications: Dr. Widder.

Three hours a week during the second semester.

Plane Cubic Curves: Dr. Lehr.

Three hours a week throughout the year.

* This course will be given by an instructor to be appointed later.

Modern Geometry: Dr. Lehr.
 Projective Geometry: Dr. Lehr.
 Algebraic Theory of Numbers: *
 Applications of Calculus: *

Three hours a week throughout the year.
Three hours a week throughout the year.
Two hours a week throughout the year.
Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 166 and 167.

SCIENCE

Physics, Chemistry, Geology, Biology

In January, 1893, the Trustees opened Dalton Hall, a large building, containing ample laboratories, lecture-rooms, research-rooms, special libraries, and professors' rooms for the work of the scientific departments. The chemical, geological, biological, and physical laboratories are open for students from nine to six daily.

The attention of graduates of medical colleges and of undergraduate and graduate students intending to take the degree of Doctor of Medicine is called to the facilities offered by the laboratories, and to the resolutions of the Trustees of the Johns Hopkins University in regard to the admission of students to the Medical School of that University, which opened in the autumn of 1893, and has from the first admitted women on the same terms as men. The courses of Bryn Mawr College in physics, chemistry, and biology correspond to those of the Johns Hopkins University,† and it is

* This course will be given by an instructor to be appointed later.

† REQUIREMENTS FOR ADMISSION TO THE MEDICAL DEPARTMENT OF THE JOHNS HOPKINS UNIVERSITY

"As candidates for the degree of Doctor of Medicine the school receives a maximum of 75 students in each class who must present the qualifications indicated below:

1. Those who have satisfactorily completed the Chemical-Biological Course which leads to the A.B. degree in this University.

2. Graduates of approved Colleges or Scientific Schools who can furnish evidence: (a) That they have acquaintance with Latin and a reading knowledge of French and German; (b) That they have such knowledge of biology, chemistry, and physics as may be obtained from the minimal courses described below.‡

3. Students who have completed in Johns Hopkins University 110 of the 125 points required for the Bachelor's degree, including the required work in biology, chemistry, and physics, and in the languages, may be admitted to the Medical School, and will receive the degree of Bachelor of Arts when they have satisfactorily completed one year of work therein. The privilege, however, will be accorded only when the college standing averages 85 or more.

‡ BIOLOGY.—Three hours of class work per week for one year, and 180 hours of laboratory work upon the structure, functions and life-histories of selected types of animal and plant life. It is desirable that the course should include laboratory instruction in embryology. Courses in botany or zoology will be accepted provided the laboratory work has been adequate.

CHEMISTRY.—Two years of college work, in which two-thirds of a year should be devoted to organic chemistry. Each year's course should comprise three classroom exercises a week and five or preferably six hours of laboratory work. This represents only a minimal trian-

easy for a student to elect a course corresponding exactly to the Preliminary Medical Course of the Johns Hopkins University. Students planning to begin the study of medicine should elect physics for one year and biology for two years and chemistry for two or three years.

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.

JAMES BARNES, Ph.D.

INSTRUCTOR: SUE AVIS BLAKE, M.A.

The undergraduate instruction offered in physics covers fourteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work, one or two hours a week of free elective work and three hours a week of advanced courses, open only to graduates and to undergraduates that have completed the major courses in physics.

The first year of the major course deals principally with the development of physical facts and is accordingly mainly experimental and descriptive in its nature. A wide range of physical phenomena and the elements of physical theories are treated. The course is planned to cover the whole subject from this point of view so as to give those who do not intend to pursue physics further, such a knowledge of its principles as will enable them to follow its recent development and applications, and also to provide those electing physics as a group with a good foundation for more advanced work. In the second year the course is intended to serve as an introduction to the theories to which experimental evidence has led. The treatment is accordingly more mathematical than in the first year, but the experimental side of the subject is still emphasized. A knowledge of trigonometry is required, and some familiarity with the methods of the calculus will be of assistance.

ing, and three years' work is advised, including a short course of lectures and demonstrations in elementary physical chemistry.

As it has been ascertained that certain acceptable institutions will have difficulty in providing students with additional work the decision to require three years' preparation in chemistry from October, 1923, has been rescinded. It is understood, however, that applicants presenting such preparation will be given preference.

In view of the increasing employment of mathematical conceptions in chemical work, students expecting to take up the study of medicine are advised to include one year of mathematics in their college course.

PHYSICS.—A collegiate course consisting of three hours of class work per week for one year and at least 120 hours of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

LATIN.—The student must have studied Latin grammar and possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

The requirements for admission to the Medical College of Cornell University include English and a modern language.

The Woman's Medical College of Pennsylvania admits students of Bryn Mawr College who have pursued the chemical-biological course that leads to the A.B. or the Ph.D. degree.

FIRST YEAR

*1st Semester.**(Given in each year)*

Mechanics, Heat, Sound, and Properties of Matter: Dr. Huff.

Three hours a week.

Laboratory Work: Dr. Huff and Miss Blake.

*Six hours a week.**2nd Semester.*

Electricity, Magnetism, and Light: Dr. Barnes.

Three hours a week.

Laboratory Work: Dr. Barnes and Miss Blake.

Six hours a week.

The instruction in this course is given by means of lectures, daily oral quizzes, occasional written quizzes, regular problem papers, and required private reading. Students are expected to use, in connection with the lectures, text-books on the special part of the subject under discussion; at present Kimball's *College Physics* is used for reference; also the text-books of Ames and Glazebrook. The lectures are illustrated throughout by means of the lantern, by demonstrations on the lecture table, and by the exhibition of apparatus, etc.

In the laboratory, the students are first instructed in the methods of accurate measurement of the simple quantities, length, time, and mass; later, they make a series of determinations, mainly quantitative, on the part of the subject under discussion in the lecture room at the time. Ames and Bliss's *Manual of Experiments in Physics* is found useful as a reference work for part of this course. A system of laboratory lectures has also been developed to supplement the class-room work, to point out sources of error and their treatment, to demonstrate methods of manipulation, and, in general, to give directions for working which are applicable to the class as a whole; they are given at the beginning of each week's laboratory work. The object of the work is to familiarize the students with the instruments and methods used in physical measurements, with special reference to the quantitative laws upon which the science is based. The laboratory is equipped with this object in view, and the apparatus is all of the most modern design.

SECOND YEAR

*1st Semester.**(Given in each year)*

Theoretical Mechanics, Theory of Light: Dr. Barnes.

Three hours a week.

Laboratory Work: Dr. Barnes and Miss Blake.

*Six hours a week.**2nd Semester.*

Theory of Heat, Theory of Electricity and Magnetism: Dr. Huff.

Three hours a week.

Laboratory Work: Dr. Huff and Miss Blake.

Six hours a week.

The instruction is given by lectures, supplemented by the discussion of weekly problem papers; the text-books mentioned below indicate the character of the ground covered, and form the basis of the lectures. Private reading and outside preparation will take at least three and a half hours a week, and the course counts as a five-hour lecture course. An endeavour is made to bring the student into contact with the work of original investigators.

The general text-book used is Watson, *Physics*; the books used in special subjects are as follows: heat: Maxwell, *Theory of Heat*, Preston, *Theory of Heat*; dynamics: selections from Tait and Steele's *Dynamics of a Particle*, Jean's *Theoretical Mechanics*; and special lectures dealing with the applications of dynamics to physical problems; electricity and magnetism: J. J. Thomson, *Elements of the Mathematical Theory of Electricity and Magnetism*; optics, physical and geometrical: Preston, *Theory of Light*, Edser, *Light*.

The laboratory work of the second year is designed to follow and illustrate the subject-methods of physical investigation. A special study is made of the sources and amounts of the errors involved in the different operations, and the problems assigned are adapted as far as possible to the requirements and wishes of the individual students.

*Free
Elective
Courses*

FREE ELECTIVE COURSE

Physical Basis of Music: Dr. Huff. *One hour a week throughout the year.*
(Given in alternate years)

In the lectures of this course it is planned to present some of the physical principles illustrated in the construction of musical instruments and underlying the general theory of music. Private reading is assigned.

Descriptive Astronomy: Dr. Huff. *One hour a week throughout the year.*
(Given in alternate years)

This course is elementary. Students will use a text-book and star-maps and will do some general reading on assigned topics. Lecture-experiments and lantern-slides will be used. The course is open to juniors and seniors only, but not to auditors or hearers.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

Electricity and Magnetism: Dr. Huff. *Three hours a week throughout the year.*
(Given in 1929-30)

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff. *Three hours a week during the first semester.*
(Given in 1930-31)

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff. *Three hours a week during the second semester.*
(Given in 1930-31)

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes. *Three hours a week throughout the year.*
(Given in 1928-29)

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics

and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes.

Three hours a week during the first semester.

(Given in 1930-31)

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes.

Three hours a week during the second semester.

(Given in 1930-31)

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 167 to 169.

Chemistry

PROFESSOR: JAMES LLEWELLYN CRENSHAW,* Ph.D.

ASSOCIATE PROFESSOR: LOUIS FREDERICK FIESER, Ph.D.

LECTURER: BEVERIDGE JAMES MAIR, Ph.D.

INSTRUCTOR: EDITH HAMILTON LANMAN, M.A.

The undergraduate instruction offered in chemistry covers fifteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work and five hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in chemistry.

The first year's work is a general introduction to the subject. Lectures are given in inorganic chemistry and qualitative analysis.

In the second year particular attention is paid to the quantitative side of chemical phenomena. The lectures are on physical and organic chemistry.

The advanced undergraduate courses are intended to prepare students for independent work, particular attention being paid to laboratory methods.

FIRST YEAR

1st Semester.

(Given in each year)

Introduction to General Chemistry: Dr. Crenshaw.*

Three hours a week.

Laboratory Work: Dr. Crenshaw,* Miss Lanman.

Six hours a week.

The course does not presuppose any knowledge of chemistry. In the class-room the nature of chemical action is taught by lectures that are illustrated by a series of experiments in which the more important substances are made and transformed, the time being

* Granted leave of absence for the year 1928-29. The courses announced by Professor Crenshaw will be given by Dr. Mair.

*Major
Course*

spent largely on the non-metals. Throughout the semester the lectures and the laboratory work are complementary. After all the experiments on a given subject have been carried out the results are discussed in the class-room.

2nd Semester.

The Chemistry of the Metals: Dr. Fieser.

Three hours a week.

Laboratory Work: Dr. Fieser, Miss Lanman.

Six hours a week.

This course deals with the properties of the more important metallic elements and their compounds. The methods of separation employed in the laboratory are discussed, and the fundamental principles upon which these methods of separation are based are emphasized. The lectures are supplemented by required private reading.

The laboratory work consists of qualitative analyses. The students are first taught to identify the basic and acidic constituents of solutions; later they are required to carry out analyses of a few alloys and salts.

SECOND YEAR

1st Semester.

(Given in each year)

Organic Chemistry: Dr. Fieser.

Three hours a week.

The methods of preparation and the behaviour of the various classes of organic compounds are studied. Emphasis is laid on the processes of reasoning by which the constitution of organic compounds is established.

Laboratory Work: Dr. Fieser.

Six hours a week.

The laboratory work is devoted to organic preparations. Simple representatives of the more important classes of organic compounds are first prepared and their typical reactions studied. After a familiarity with the methods of dealing with organic substances has been gained, syntheses of a few of the more complex organic compounds are carried out.

2nd Semester.

Lectures on Elementary Physical Chemistry: Dr. Crenshaw.*

Three hours a week.

In this course chemical facts are considered from the point of view of common and exact relations and from these relations the laws and theories of chemistry are developed. Special attention is paid to the atomic theory, the laws of gases, the theory of solutions and electrochemistry. Private reading and outside preparation amounting to at least three and a half hours is required.

Laboratory Work: Dr. Crenshaw.*

Six hours a week.

The laboratory work consists of quantitative analyses. Each exercise is important in itself and illustrates some principle or involves some manipulation of general application in analytical work.

ADVANCED UNDERGRADUATE COURSES

Advanced Course

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Physical Chemistry: Dr. Crenshaw.*

Two hours a week throughout the year.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

* Granted leave of absence for the year 1928-29. The courses announced by Professor Crenshaw will be given by Dr. Mair.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser.

Two hours a week throughout the year.

(Given in each year)

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman.

One hour a week throughout the year.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 169 to 171.

Geology

ASSOCIATES: CHARLES SPARLING EVANS, Ph.D.

MARLAND PRATT BILLINGS, Ph.D.

DEMONSTRATOR: CHARLOTTE EDNA WEBSTER, A.B.

The undergraduate instruction offered in geology includes the equivalent of ten hours a week of undergraduate first and second year work, one free elective course of two hours a week and four advanced courses of two and three hours a week open only to graduates and to undergraduate students who have completed the major course in geology. Not all these courses will be given in the same year.

The purpose of the major course in geology is to make clear the constitution and history of the earth and the processes which have been operative in its evolution. The first year of the major course is arranged to give a general survey of geologic processes and geologic history and at the same time to serve as an introduction to more specific investigations of the science. It may be taken as a free elective or as a year of required science or as the first year of the major course in geology. The second year of the major course deals with rocks and minerals, and with their arrangement in the lithosphere.

Advanced courses are offered each year either in petrography or mineralogy, and either in stratigraphy, or physiography, and are designed to

train the student in exact methods for the determination of rock and mineral species, in the genesis of ores, and in the evolution of land-forms and of life. They are an essential preliminary to research work in the science.

Illustrative material for the graduate and undergraduate courses is furnished by the geological and paleontological collections of the college, including the Theodore D. Rand rock and mineral collection, by the private collections of the instructors, and by material lent by the United States Geological Survey; the department is also fortunate in its proximity to the museum of the Academy of Natural Sciences of Philadelphia; within reach of the College there are excellent collecting fields for fossil, mineral, and rock specimens.

FIRST YEAR

1st Semester.

(Given in each year)

Major Course

Physiography: Dr. Billings.

Three hours a week.

Field Work and Laboratory Work: Dr. Billings.

Six hours a week.

The lectures deal primarily with the character and action of the forces which control the landscape and with the features produced by these forces; subordinately physiographic regions are discussed. The lectures are illustrated by photographs, lantern slides, relief models, and topographic maps.

In the laboratory the student is occupied with a study of the development of physiographic forms. This is conducted by means of practical exercises and the use of topographic maps and models.

For the field work, excursions are made into the immediate neighbourhood during the autumn and spring. On all excursions instruction in field geology is given, areal mapping is accomplished, and reports of the areas covered are required of the students. Reading amounting to three hours will be required of students absent from a field trip. During the winter months laboratory work replaces the field excursions.

2nd Semester.

Introduction to Historical Geology: Dr. Evans.

Three hours a week.

Field Work and Laboratory Work: Dr. Evans.

Six hours a week.

A study of the main facts in the history of the earth, both physical and organic, with special reference to North America. Every effort is made to avoid a mere summarizing of events by constantly seeking causes for observed phenomena and carefully distinguishing fact and hypothesis. Much attention is paid to the theory of evolution and to illustrations of evolutionary principles.

The laboratory work includes a study of fossils characteristic of the successive geologic periods, and a study of the geologic history of North America as illustrated by the folios of the United States Geological Survey. In the spring field trips afford an opportunity for the collection of fossils and for observation of the character and relations of sedimentary strata. One all-day trip, on a Saturday, will be substituted for two half-day trips.

SECOND YEAR

1st Semester.

(Given in each year)

Lithology: Dr. Evans.

Three hours a week.

Field Work and Laboratory Work: Dr. Evans.

Six hours a week.

This course furnishes the elemental training necessary for the recognition of rock-making minerals and some of the more important ore minerals, and for the field determination of rocks. It is essentially an introduction to petrology and includes a brief discussion of crystallography; a study of rock-making minerals and rocks without the use of the microscope, and the principles of megascopic classification of rocks. The latter part of the

course is devoted to a discussion of the phenomena and causes of vulcanism and seismology.

Frequent use is made of illustrative material, including mineral and rock specimens, wooden and glass models of crystals, etc.

The laboratory work involves practice in the determination of the more common crystal forms, the identification of minerals by means of physical properties, and of rocks from hand specimens. Occasional field trips to mineral localities are also made.

2nd Semester.

Structural Geology and Glaciology: Dr. Billings.

Three hours a week.

Field Work and Laboratory Work: Dr. Billings.

Six hours a week.

The lectures treat of the causes and effects of earth movements; the origin and age of the earth; the evidences, conditions, and causes of the glacial period; the development of man. The course is illustrated with models, photographs, and lantern slides.

Laboratory work consists chiefly in the solution of problems in structural geology, with further use of geologic folios, topographic maps and models. Practice may be given in topographic mapping from models.

The field work of the first semester is continued and training in topographic mapping may also be given.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

Petrography: Dr. Billings.

Three hours a week throughout the year.

(Given in each year)

During the first semester the lectures deal with the principles of optical crystallography, the optical means of mineral determination, and the petrographic characters of rock-forming minerals. In the second semester the textures, constitution, origin, geographic distribution, and geologic associations of igneous rocks are treated. Practice is given in the quantitative system of classification. Special field problems may be given to the students for independent solution.

Determinative Mineralogy: Dr. Billings.

Two hours a week throughout the year.

(Given in each year)

In this course lectures and laboratory practice deal with the determination of minerals by means of physical tests and by blow-pipe analysis. Special emphasis is placed on crystal form and practice is given in the use of the two-circle contact goniometer.

Stratigraphy and Paleontology: Dr. Evans.

Three hours a week throughout the year.

(Given in each year)

The work of the first semester consists largely of lectures and assigned reading, and is devoted to a thorough study of the principles of sedimentation. This is followed by a consideration of the laws governing the distribution of organisms in time and space.

In the second semester the lectures deal with the evolution of the continents and seas as shown by the record of the sedimentary rocks and their fossils. The successive formations of North America are studied in order, and ancient physiographic conditions deduced as accurately as possible. Particular attention is paid to the evolution of life through the different geological periods and the changes of environment controlling it. In the laboratory the typical fossils of each formation are studied, and the student is required to learn the guide fossils of the more important geological horizons.

Advanced Physiography: Dr. Evans.

Two hours a week throughout the year

The course deals with the form and development of selected areas.

*Free
Elective
Course*

FREE ELECTIVE COURSE

Cosmogony: Dr. Evans.

Two hours a week throughout the year.

The work of the course is conducted by means of lectures, required reading, and classroom discussion. The lectures treat of the origin of the earth, the growth of the continents and the development of landscapes, and are illustrated by lantern slides. The course is designed to give a survey of the more important results reached by geological research. It will be given only if elected by a sufficient number of students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 171 to 173.

Biology

PROFESSOR: DAVID HILT TENNENT, Ph.D.
 ASSOCIATE PROFESSOR: FRANZ SCHRADER, Ph.D.
 LECTURER: DOROTHEA EGGLESTON SMITH, Ph.D.
 INSTRUCTORS: SALLY HUGHES SCHRADER, Ph.D.
 MARY SUMMERFIELD GARDINER, Ph.D.

The undergraduate instruction offered in biology includes the equivalent of ten hours a week of undergraduate first and second year work; one hour a week of free elective work; and nine hours a week of advanced courses open to graduates and to undergraduates who have completed the major course in biology.

The work of the first year course forms a general introduction to the subject through a broad, comparative study of living things (general biology). In the second year the foundation of a minuter knowledge of animal morphology and physiology is laid. The third year's work, or advanced course, is devoted to the study of more advanced subjects and the practical investigation of simple problems. A knowledge of the elements of chemistry and physics is desirable for students entering any course in biology, and is necessary for advanced work in the subject.

*Major
Course*

FIRST YEAR

*1st Semester.**(Given in each year)*Lectures on General Biology: Dr. S. H. Schrader. *Three hours a week.*Laboratory Work: Dr. S. H. Schrader and Dr. Gardiner. *Six hours a week.**2nd Semester.*Lectures in General Biology: Dr. F. Schrader. *Three hours a week.*Laboratory Work: Dr. F. Schrader and Dr. Gardiner. *Six hours a week.*

The object of this course is to give the student clear conceptions of the fundamental principles of morphology and physiology and of the relations of the biological sciences to one another and to other branches of science. The laboratory practice is designed to enable the student, as far as possible, to examine for herself the facts discussed in the lectures, to encourage the habit of exact observation, and to impart a knowledge of methods of practical work.

The general subject is treated in two courses which supplement each other and must be taken together. The work is designed not simply to teach the elements of zoölogy and botany, as commonly understood, but in addition to treat plants and animals with constant reference to one another, both as to structure and mode of action. Emphasis is therefore laid on the essential facts of comparative morphology and physiology (general biology) as illustrated by the thorough study of a few types, rather than on the minutiae of classification. At the same time the work is arranged with reference to subsequent special work in zoölogy, botany, and physiology.

In the first semester the student studies a number of animals and plants, so arranged as to form a natural progressive introduction to the general principles of biology. The student makes a detailed examination of unicellular organisms, and from these proceeds gradually to the complex conditions of structure and function found in higher animals and plants. In the second semester attention is given mainly to the biology of the higher animals. Two-thirds of the semester is devoted to a study of the morphology and physiology of vertebrates; the remainder of the semester to a study of the embryology of the frog and, in greater detail, that of the chick.

SECOND YEAR

1st Semester.

(Given in each year)

General Zoölogy: Dr. F. Schrader.

Three hours a week.

Laboratory Work: Dr. F. Schrader and Dr. Gardiner.

Six hours a week.

This course extends the work of the first year so as to include a survey of the morphology and taxonomy of all the main groups of invertebrate animals. Part of the course is devoted to a critical analysis of the theory of evolution and discussions of the broader philosophical problems of biology such as heredity, variation, adaptation, and kindred topics. These lectures vary from year to year and are intended to be suggestive rather than exhaustive in character.

2nd Semester.

Introduction to Physiology: Dr. Gardiner.

Three hours a week.

Laboratory Work: Dr. Gardiner.

Six hours a week.

The aim of this course is to present the facts of the physiological processes in the animal body. Digestion, respiration, circulation, nervous and muscular activity are studied from the point of view of the processes themselves rather than that of the physical and chemical principles underlying them. A previous knowledge of chemistry is not required.

FREE ELECTIVE COURSE

Theoretical Biology: Dr. Tennent.

One hour a week throughout the year.

(Given in each year)

*Free
Elective
Courses*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.

One hour a week throughout the year.

(Given in 1928-29 and again in 1930-31)

*Advanced
Courses*

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

Embryology of Vertebrates: Dr. Tennent. *One hour a week throughout the year.*

(Given in 1929-30)

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick, and Pig. At least four hours of laboratory work are required.

The course is divided as follows: First semester, Early stages of Development. Second semester, Organogeny.

Biology of Bacteria and Protozoa: Dr. F. Schrader.

One hour a week throughout the year.

(Given in 1929-30)

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

(Given in each year)

1st Semester.

Biochemistry: Dr. Smith.

Three hours a week.

Laboratory Work: Dr. Smith.

Six hours a week.

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed the Major Course in chemistry, will be admitted.

2nd Semester.

Physiology: Dr. Smith.

Three hours a week.

Laboratory Work: Dr. Smith.

Six hours a week.

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1928-29 students who have completed the first semester's work in the Major Course in biology and can meet the prerequisite in chemistry, may enter this course.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the courses offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

GRADUATE WORK

Graduate work is offered in this department. Seminaries are arranged in a three-year cycle. Further information will be found in Part II on pages 173 to 175.

Physical Training

DIRECTOR: JOSEPHINE PETTS

ASSISTANTS: Appointments to be made

Four periods a week of physical training are required of all resident and non-resident freshmen and sophomores. In winter two of these periods are class work. Juniors and seniors who wish to take part in interclass practices or matches in any sport are required to take four periods of physical training each week throughout the year. Juniors and seniors who do not wish to enter class athletics may substitute periods of general exercise for physical training periods. Any junior or senior who elects any form of class work is required to attend regularly during the weeks that the class is held. For students unable to pass the swimming test swimming lessons are required. Students who, in the opinion of the College Physician and the Director of Physical Training, are not in good physical condition or are not able to fulfil all the requirements of the department, must take special corrective or remedial work under the direction of an instructor trained in medical work. A fee will be charged for these special cases.

A fee of ten dollars a year is charged to each resident undergraduate, and a fee of four dollars a year to each non-resident undergraduate and to each resident graduate student for the athletic expenses.

Winter Classes.

Two classes a week.

Two periods a week of class work are required of Freshmen and Sophomores. Juniors and Seniors may enter any of the following classes: Elementary or Advanced Gymnastics, Fencing, Playground Games, English Country and Morris Dancing, Eurhythmics, Corrective Gymnastics or games classes.

Classes

Swimming.

Two lessons a week.

Two swimming lessons a week are required of all the students until they have passed the swimming test.

Swimming

Students, with the exception of first and second class swimmers, who register for swimming are expected to attend swimming classes and trials during one season of each year. Instruction in swimming includes: Strokes, Form and Fancy Diving, Plunging, Racing, Life Saving and Water Polo.

Athletics.

Four required periods.

During the autumn and spring the four required periods and in winter the two periods not taken in class work may be any of the following forms of competitive athletics:

Athletics

Autumn. Hockey, Tennis, Swimming, Badminton, Archery, Lacrosse.

Winter. Water Polo, Swimming, Badminton, Soccer, Indoor Tennis, Lacrosse.

Spring. Basketball, Tennis, Track, Swimming, Fencing, Archery, Lacrosse.

Hygiene.

One hour a week for one semester.

A course of Hygiene lectures of one hour a week for one semester, usually taken in the Sophomore year, is required of all undergraduates. This hour is in addition to the four periods of Physical Training, and in addition to the one hundred and twenty hours required for the degree.

Hygiene

Requirements

Department of Health

1928-29

PRESIDENT OF THE COLLEGE: MARION EDWARDS PARK, Ph.D., LL.D.

DEAN OF THE COLLEGE AND
CHAIRMAN OF THE COMMITTEE: HELEN TAFT MANNING, Ph.D.DIRECTOR OF PHYSICAL
TRAINING:

JOSEPHINE PETTS

PHYSICIANS OF THE COLLEGE:

THOMAS F. BRANSON, M.D.

MARJORIE JEFFERIES WAGONER, M.D.

WARDENS:

JOSEPHINE FISHER, A.B.

ANN ELIZABETH NEELY, M.A.

KATHERINE MARY PEEK, A.B.

FRIEDRIKA MARGRETHA HEYL, A.B.

ESTHER LOWREY RHOADS, A.B.

JULIA WARD, A.B.

HELEN BOND CRANE, A.B.

*Health
Certificate*

All entering students are required to file at the office of the Dean of the College a report of a recent medical examination filled out and signed by a physician, on a blank to be secured from the college.

Vaccination

A certificate of successful vaccination or of two unsuccessful vaccinations within two years before entering the college is required. Students who have no certificate to this effect are required to be vaccinated by one of the College Physicians. A fee of five dollars is charged.

*Physical
Examination*

Every undergraduate student and hearer is examined each year by the Resident Physician of the College, and twice each year by the Director of Physical Training with reference to physical development, strength of heart and lungs, and general health. The Physician in Chief of the College acts as consultant and is called in all serious cases. The eyes of students who have not filed a certificate of examination by an oculist within six months before entering the college are examined by the Examining Oculist of the College during the first semester after entering the college and again during the first semester of the junior year.

*Health
Supervision*

Any student who, at the time of the examination or at any other time during the year is not in good health is placed on the health supervision list, is required to follow the special régime prescribed, and her extra-curriculum activities may be limited.

The Director of Physical Training receives the reports of students under medical treatment, keeps records of the health of all students and endeavors by interviews, and advice on personal hygiene, to maintain and improve the health of the students. All students are urged by the Health Department to take some out-of-door exercise in addition to their periods of Physical Training.

*Physicians
and
Nursing*

Eminent specialists practising in Philadelphia have consented to serve as consulting physicians of the college. The college Physician is in her college office in the Infirmary during the hours from eight thirty to nine

thirty and from four to five thirty daily except Saturday and Sunday, on Saturday from twelve to one P. M., and on Sunday by appointment only, and may be consulted by the students without charge.

The infirmary fee of \$20.00 paid by each resident undergraduate student entitles her to be cared for in the infirmary for four days, and each graduate student to be cared for for two days (not necessarily consecutive), during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share, the expense of a special nurse, the infirmary fees, which are \$5.00 a day, and also hospital or sanitarium charges should she be removed from the college by order of the Physician in Chief.

Infirmary

A special nurse for one student costs approximately \$7.10 per day or \$49.40 per week, which includes nurse's fee, board and laundry. The infirmary fee is \$5.00 per day. When a student has not an infectious disease the infirmary fee of \$5.00 per day will include the nurse's fee provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

All communications concerning the health of the students from parents and guardians, outside physicians, and others should be addressed to the Dean of the College, who will excuse students for absence before and after vacations on account of serious illness and from attendance on academic work during the time that they are in the infirmary or seriously ill at home. Any student who becomes ill when away from the college is asked to notify immediately the Dean of the College.

GENERAL INFORMATION

Halls of Residence

Plans and descriptions of the academic buildings and the halls of residence, Merion Hall, Radnor Hall, Rockefeller Hall, Pembroke Hall East, Pembroke Hall West, and Wyndham, with full information regarding the charges for rooms, are published as Part 4 of the Bryn Mawr College Calendar and may be obtained, by application, from the Secretary and Registrar of the College. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke, which has a common dining-room and kitchen for the two wings and for Wyndham. Students from Wyndham take their meals in Pembroke. Each hall provides a separate room for each of sixty or seventy students, except Wyndham, which has six double bedrooms and four single rooms, and provides accommodation for sixteen students. All rooms are furnished with a bed, bureau, table desk, straight chair, desk chair, and bookcase but students are expected to furnish their own rugs, curtains, and towels. All necessary service is supplied by the college. Though there are open fire-places in many studies and single rooms, all rooms are adequately heated by steam heat controlled by a thermostat. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the college.

A deposit of fifteen dollars must be made by each resident student to reserve her room for the following academic year. Normally the deposit will be deducted from the rent of the room. It will be refunded only under the following circumstances:

(a) If a student of the college gives formal notice of the withdrawal of her reservation to the Secretary and Registrar before May 1 preceding the academic year for which reservation was made.

(b) If a candidate for admission in October gives formal notice of the withdrawal of her application to the Secretary and Registrar before October 1 preceding the academic year for which the application was made.

(c) If a former student who has applied for re-admission in February gives formal notice of the withdrawal of her application to the Secretary and Registrar before January 1 preceding the semester for which the application was made.

Otherwise the deposit will be forfeited to the college.

Withdrawal

Every applicant reserving a room after September 1 or failing to withdraw her application by that date, not occupying the room or vacating it during the year, prevents another student from admission to college as a resident. Therefore, unless formal notice of withdrawal of an application for the approaching year is received by the Secretary and Registrar by September 1, the applicant is held responsible for the rent of the room reserved, or in case no definite assignment has been made, for the minimum of one hundred and seventy-five dollars. Room rent is subject to remission or deduction only if the college is able to re-rent the room. The applicant is not permitted to dispose of such vacant rooms.

Non-Resident Students

Accommodation is made for students living with their families in Philadelphia and vicinity. There is a club-room for non-resident students in

Goodhart Hall, a coat room in Taylor Hall and one in the library, and non-resident students also have the full use of the large Common Room in Goodhart Hall.

Non-resident students are liable in whole or in part for all undergraduate fees except those for residence in the halls, and infirmary fees.

Expenses for Undergraduate Students

Though the average cost of teaching each undergraduate student is estimated at about eight hundred and forty dollars, the tuition charge for undergraduate students and for hearers is four hundred dollars a year. The difference between the actual cost and the price of tuition must be met from the small endowment funds of the college and by private gifts. Voluntary contributions from parents able and willing to pay this additional four hundred and forty dollars, in whole or part, will be used for scholarships for students unable to pay the regular tuition fee of four hundred dollars. No reduction of the tuition fee can be made on account of absence, illness, or dismissal during a semester, or for any other reason and no refund will be made in case of advance payment.

The charge for board at the college is four hundred dollars a year, payable half-yearly in advance. The total fee for board and residence depends upon the room or rooms occupied by the student. About one-sixth of the rooms in the college rent for fifty dollars, making the cost of board, residence, and tuition for undergraduate students eight hundred and fifty dollars, but students desiring to apply for rooms at fifty dollars must file a statement at the office of the Secretary and Registrar that they are unable to afford rooms at a higher price. Another one-sixth of the rooms rent for one hundred and seventy-five dollars, making the cost of board, residence and tuition nine hundred and seventy-five dollars. The rooms have different rentals depending upon size and location, varying from two hundred and fifty to five hundred dollars. Room rent is payable yearly in advance.

In case of prolonged illness and absence from college extending over six weeks or withdrawal from the college for a period of six weeks or more, there will be a special proportionate reduction in the charge for board, provided that written notice be given to the Dean of the College and to the Comptroller at the time of withdrawal, or, in case the student is ill at home, as soon as possible after her illness is known. Verbal notice to wardens or instructors is not sufficient to secure the above allowance.

Students who wish to remain at the college during the Christmas and Easter vacations should apply to the Warden for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but accommodation may be obtained near the college campus. During the Easter vacation the halls of residence are in general kept open and undergraduates and graduate students may occupy their rooms at a fixed rate.

Students remaining during any part of the Christmas or Easter vacations in Bryn Mawr, or in the immediate neighborhood, not in their own homes, are required to take advantage of the arrangements made by the

*Fees for
Tuition*

*Fees for
Board and
Residence*

*Reduction
of Fees on
Account of
Illness*

*Residence
in Vacations*

college and will be charged according to the length of stay. A student not going to her own home is required to inform the Warden of her hall in advance of her intention to spend the vacation elsewhere and to register her address with her Warden.

Laboratory Fees

For undergraduate students taking one laboratory course of four or more hours a week there is an additional charge of fifteen dollars a semester for materials and apparatus; for students taking two laboratory courses of four or more hours a week a charge of twenty-five dollars a semester; and for students taking three laboratory courses of four or more hours a week a charge of thirty dollars a semester. A charge of seven dollars and fifty cents a semester is made for students taking a laboratory course of less than four hours a week.

In courses in Geology each hour of field work is counted as one hour of laboratory work. Not more than one laboratory course is required of candidates for a degree.

Summary of Expenses for Undergraduate Students

Summary

Tuition for the academic year, payable October 1st . . .	\$400.00
Room-rent for the academic year, payable October 1st . .	50.00*
or \$175, \$250, \$275, \$300, \$370, \$420, \$450, \$500, \$550, depending on the room or rooms occupied.	
Infirmary fee for the academic year, payable October 1st.	20.00
Board for the academic year, payable in equal instal- ments, October 1st and February 1st.	400.00
<hr/>	
Total for tuition, residence, and infirmary fee for the academic year with minimum room-rent.	\$870.00
Laboratory fees, for laboratory course of less than four hours a week for the academic year.	15.00
For laboratory course of four or more hours a week for the academic year.	30.00

Incidental Fees and Charges

In the course in History and Appreciation of Music a charge of one dollar and twenty-five cents a semester is made for the purchase of necessary books and material.

The graduation fee is twenty dollars, payable in the senior year.

Every student who enters the college must register her courses within two weeks after entrance. A charge of one dollar will be made for each change made in the course after it has been definitely registered.

A fee of seven dollars a year is charged to each resident undergraduate, and a fee of three dollars and fifty cents a year to each non-resident undergraduate for the up-keep of the athletic fields.

Every student except a member of the freshman class who moves from one hall to another is charged a fee of ten dollars for moving, and every student except a member of the freshman class who moves from one room to another in the same hall is charged a fee of five dollars. This fee entitles a student to have five pieces moved free of charge.

The fees are due on the first day of each semester and students whose fees are not paid before November first in the first semester or before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

SCHOLARSHIPS

Entrance Scholarships

Each year the College awards four competitive matriculation scholarships of \$100 each. One scholarship is given in each of the following districts: (a) The New England States; (b) New York, New Jersey, and Delaware; (c) Ohio, Illinois, Michigan, Wisconsin, and the states west of the Mississippi River; (d) Pennsylvania and all places not otherwise mentioned. While the candidate's district is determined by the location of the school where she receives her final preparation, or, if preparation has been by private tuition, by her place of residence during the preceding year, candidates may present themselves for examination at any examination center. These scholarships, to be held for one year, are awarded for the highest general average obtained in each district. All regular candidates for matriculation who intend to spend at least one year at Bryn Mawr College, who have not cancelled an examination division, who have not received more than a two point condition, and whose general average is 75 per cent or above, are eligible and are without formal declaration candidates for these scholarships. When two divisions are taken conditions incurred in the first division and removed in the second are not counted.

*Freshman
Scholarships*

TABLE OF MATRICULATION SCHOLARSHIPS FROM 1920-1927

(a) *New England States*

First Scholarship	Honorable Mention
1920. Anne McDowell Shiras, The Ethel Walker School, Simsbury, Conn.	Henrietta Eleanor Pavenstedt, The Ethel Walker School, Simsbury, Conn.
1921. Katherine Stevens Fowler, The Winsor School, Boston, Mass.	Blanche Theodora Hill, The Winsor School, Boston, Mass.
1922. Elizabeth Howland Nowell, The Ethel Walker School, Simsbury, Conn.	Harriet Virginia Pratt, The Ethel Walker School, Simsbury, Conn.
1923. Agnes Ellen Newhall, Boston Girls' Latin School, Boston, Mass.	No mention.
1924. Barbara Channing, The Winsor School, Boston, Mass.	Frances Louise Putnam, The Girls' Latin School, Boston, Mass.
1925. Grace Isabel DeRoo, Boston Girls' Latin School, Boston, Mass.	Alice Katharine Mercer, Dana Hall, Wellesley, Mass.
1926. No award.	No mention.
1927. Lucy Sanborn, Andover Academy, Andover, Mass.	Elisabeth Livermore, Winsor School, Boston, Mass.

*Matricula-
tion Scholar-
ships*

(b) *New York, New Jersey, and Delaware*

First Scholarship	Honorable Mention
1920. Mary Minott, The Brearley School, New York City.	Helen Ayer Dillingham, Miss Beard's School, Orange, N. J.
1921. Helen Anastasia Hough, The Brearley School, New York City.	Jane Abbott, The Brearley School, New York City.
1922. Delia Nicholas Smith, East Orange High School, East Orange, N. J.	Elizabeth Roylance, Englewood High School, Englewood, N. J.
1923. Sarah Livingston Jay, The Brearley School, New York City.	Marion Howard Smith, The Brearley School, New York City.
1924. Josephine Young, The Brearley School, New York City.	Margaret Harper McKee, The Brearley School, New York City.
1925. Mary Randolph Grace, The Brearley School, New York City.	Eva Douglas Wise, The Brearley School, New York City.
1926. Constance Hand, The Brearley School, New York City.	Constance Seager Sullivan, The Brearley School, New York City.
1927. Rhys Caparn, The Brearley School, New York City.	Francis Swift Tatnall, The Misses Hebbs' School, Wilmington, Delaware.

(c) *Western States*

First Scholarship	Honorable Mention
1920. No award.	No mention.
1921. Clara Louise Gehring, The Laurel School, Cleveland, O.	Adele Amelia Pantzer, Tudor Hall, Indianapolis, Ind.
1922. No award.	No mention.
1923. Margaret Elizabeth Pillsbury, Ann Arbor High School, Ann Arbor, Mich.	Virginia Capron, Northrop Collegiate School, Minneapolis, Minn.
1924. Carolyn Elizabeth Asplund, Monticello Seminary, Godfrey, Ill.	Helen Montgomery Hook, Chicago Latin School, Chicago, Ill.
1925. Elizabeth Cope, High School, Redlands, Calif.	No mention.
1926. Lois Mather Thurston, Katherine Branson School, Ross, Calif.	Martha Ellis Gellhorn, The John Burroughs School, St. Louis, Mo.
1927. Helen Curdy, French Institute of Notre Dame de Sion, Kansas City, Mo.	Helen Graham Bell, North Shore Country Day School, Winnetka, Ill.

(d) *Pennsylvania, and All Places not Included in (a), (b), and (c)*

First Scholarship	Honorable Mention
1920. Katharine Van Bibber, The Bryn Mawr School, Baltimore, Md.	Mary Katharine Woodworth, Girls' High School, Philadelphia.
1921. Janet Preston, St. Timothy's School, Catonsville, Md.	Kathleen Slingluff, The Bryn Mawr School, Baltimore, Md.
1922. Laura Valinda Hill, The Shipley School, Bryn Mawr, Penna.	Millicent Pierce, The Shipley School, Bryn Mawr, Penna.
1923. Frederica de Laguna, Phebe Anna Thorne Model School, Bryn Mawr, Penna.	Virginia Newbold, The Agnes Irwin School, Philadelphia.
1924. Alice Josephine Bonnewitz, Miss Madeira's School, Washington, D. C.	Georgia Wilson, St. Catherine's School, Westhampton, Richmond, Va.
1925. Frances Elizabeth Fry, The Agnes Irwin School, Philadelphia.	Sarah Stanley Gordon, The Shipley School, Bryn Mawr, Penna.
1926. Helen Louise Taylor, The Shipley School, Bryn Mawr, Penna.	Ellen Hewson Douglas, The Shipley School, Bryn Mawr, Penna.
1927. Elizabeth Lawson Cook, Roland Park Country Day School, Baltimore, Md.	Helen Maxwell Stevenson, The Agnes Irwin School, Philadelphia.

Bryn Mawr School Scholarship

Scholarships of \$500 each were founded in 1885 by the Board of Managers of the Bryn Mawr School, of Baltimore, Maryland. One of these scholarships is open annually to the graduate of the Bryn Mawr school who has completed the school course with the most distinction.

Lower Merion Township Scholarship

In 1895 one scholarship providing one year's free tuition for a graduate of the Lower Merion High School was founded by the College and presented to the School Board of Education of Lower Merion Township, Montgomery County, Pa. In 1926 the Board of Directors of the College added three more similar scholarships, one to be awarded to a non-resident student and renewable for four consecutive years. The conditions of award are that the candidate having received all of her preparation for examination at the Lower Merion High School shall have matriculated for Bryn Mawr College and shall be recommended by the School Board of

Education of Lower Merion Township subject to the approval of the Directors of Bryn Mawr College.

In 1909 one scholarship providing one year's free tuition to a graduate of Norristown High School was presented to the School Board of Education of Norristown, Pa., on the following terms: The candidate having received all of her preparation at the Norristown High School shall have matriculated for Bryn Mawr College not later than the June preceding her entrance to the college, and shall be nominated by the Superintendent of Schools or the Board of Education subject to the approval of the Board of Directors of the College; and that the award shall not be made twice to the same person unless the Superintendent of Schools shall file a statement with the President of the college that no other member of the graduating class is eligible for the scholarship.

*Norristown
Scholarships*

Regional Scholarships of \$500 each, administered by local alumnae committees, are awarded at regular intervals in each district of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who are unable to meet the fees of the college in full. The conditions are:

*Regional
Scholarships*

1. Application on blanks obtainable from the Alumnae Scholarships and Loan Fund Committee, Taylor Hall, Bryn Mawr, Pa., should be made before April 1 of the academic year for which the scholarship is desired.

2. Awards of the scholarships are made as soon as possible after the returns of the College Entrance Board Examinations to candidates who have been admitted to Bryn Mawr College who are judged to be of the highest promise by Local Committees in consultation with the Faculty Committee on Entrance Examinations.

3. Candidates awarded Regional Scholarships and maintaining a high standard of conduct and scholarship may be assured of further scholarships from local Alumnae committees or direct from the college. Further information may be obtained from the chairman of the Alumnae Scholarships and Loan Fund, Taylor Hall, Bryn Mawr, Pa.

SCHOLARSHIPS AWARDED AT ENTRANCE RENEWABLE FOR FOUR YEARS

Eight free tuition scholarships, two awarded each year and renewable for four consecutive years, were founded for students prepared in the Philadelphia Girls' High School by the Trustees of Bryn Mawr College on the following terms:

*Trustees
Scholarships*

The candidate shall have matriculated for Bryn Mawr College, having received all her preparation for entrance examination at the Girls' High School; she shall have been recommended by the Board of Education of Philadelphia subject to the approval of the Directors of Bryn Mawr College; provided that the conduct and academic standing of the student shall be satisfactory to the college authorities, the scholarship shall be renewed annually for four years by the Directors of the College.

Eight scholarships of the value of \$175 similar to the trustees' scholarships are awarded to graduates of the Philadelphia Girls' High Schools by the Board of Public Education of Philadelphia.

*City
Scholarships*

Foundation Scholarship One competitive entrance scholarship of free tuition renewable for four years, is open annually to members of the Society of Friends who are unable to pay the full charge for tuition and residence. The scholarship is awarded, as far as possible, under the same rules as those governing the competitive entrance scholarships of Bryn Mawr College.

L. C. B. Saul Scholarship In 1893 the Alumnae Association of the Girls' High and Normal School of Philadelphia founded at Bryn Mawr a scholarship, renewable for four years, of the value of \$100, increased in 1924 to \$150. This scholarship is awarded every four years to the graduate of the Girls' High School who matriculates for Bryn Mawr College with the highest grade of that year.

Frances Marion Simpson Scholarship Four Frances Marion Simpson Scholarships,* entitling the holder to free tuition, were founded in 1912 by Justice Alexander Simpson, Jr., in memory of Frances Simpson Pfahler, of the class of 1906; one scholarship to be awarded in each October, to a candidate who receives her certificate of examination in the preceding spring matriculation examination period. Competition for these scholarships is open in the first place to residents of Philadelphia and Montgomery counties who have been prepared for Bryn Mawr College in the public schools of the said counties, or at home by their parents and guardians, or in the model school of the Department of Education of Bryn Mawr College, or in Miss S. Janet Sayward's School at Overbrook, Pennsylvania, so long as she shall be conducting the same; or in default thereof to residents of other counties in Pennsylvania; and only those students who are unable to pay the fees for tuition or if living at a distance, the fees for tuition and board, in Bryn Mawr College are entitled to compete. In special cases the scholarship may be awarded to a candidate from some other locality, in which case the restriction to preparation in public schools may also be relaxed, or it may be awarded to some one who can pay the charge for her tuition, or for her tuition and board in part.

The scholarships are renewable for four successive years, and are meant exclusively for those students who take the full college course. Students holding the scholarships who become able to pay the tuition fees of Bryn Mawr College in whole or in part are required to do so, and all holders of the scholarships are required to promise to repay for the benefit of other students in need of the scholarship, the advances made to them, when they can conveniently do so.

Charles E. Ellis Scholarships The Charles E. Ellis Scholarships of \$400 each, renewable for four years, were founded in 1919 by bequest of the late Charles E. Ellis and are awarded on the recommendation of the Superintendent of Public Schools of the City of Philadelphia, subject to the approval of the Board of Directors and Trustees of Bryn Mawr College, to students educated in the Philadelphia public schools who have matriculated for Bryn Mawr College.

* Application for these scholarships should be made on a form obtainable at the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

The Minnie Murdoch Kendrick Memorial Scholarship providing a year's free tuition and renewable for four successive years was founded in 1916 by the bequest of the late George W. Kendrick, Jr. This scholarship is awarded by the Board of Directors of Bryn Mawr College to a candidate who has fulfilled the requirements for admission to Bryn Mawr College upon nomination by the executors of George W. Kendrick, Jr., or at their death or at the death of their survivors, by the Board of Public Education of Philadelphia.

*Minnie
Murdoch
Kendrick
Memorial
Scholarship*

Scholarships and Prizes Awarded for Distinction in Special Subjects

The Maria L. Eastman Brooke Hall Memorial Scholarship of the value of \$150 was founded in 1901, in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pa., by the Alumnae and former pupils of the school. It is awarded each year on the ground of scholarship, irrespective of the need of financial aid, to the member of the junior class with the highest record, to be held during the senior year. No application for the scholarship is necessary.

*Maria L.
Eastman
Brooke Hall
Memorial
Scholarship*

The Elizabeth Duane Gillespie Scholarship in American History of the value of \$60 was founded in 1903 by the Pennsylvania Society of Colonial Dames of America, in memory of Elizabeth Duane Gillespie. It is awarded annually to a member of the sophomore or junior class, on condition that the holder of the scholarship devote to the study of American history at least four hours a week for one year during the last two years of her college course. The candidate is to be selected by the Faculty of Bryn Mawr College on the ground of excellence in scholarship.

*Elizabeth
Duane
Gillespie
Scholarship*

The Charles S. Hinchman Memorial Scholarship of the value of \$500 was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. The holder will be nominated to the Faculty by the Undergraduate Scholarships Committee of the Faculty guided in its selection by (1) the student's record in her group subjects, (2) written recommendations from the instructors in these subjects, (3) evidence of the student's ability as shown by written work in her group subject together with a written estimate of the same by the instructor most directly concerned, such work to be submitted not later than March 15th of the year preceding the one in which the scholarship is to be awarded.

*Charles S.
Hinchman
Memorial
Scholarship*

The George Bates Hopkins Memorial Scholarship, consisting of the income of a gift of \$10,000 from Mrs. Elizabeth Hopkins Johnson, in memory of her father, is to be awarded each year at the discretion of the President and Faculty of the College to the student in the Department of Music who in their estimation most needs it and is most deserving of it.

*George
Bates
Hopkins
Memorial
Scholarship*

*Elizabeth S.
Shippen
Scholarship*

The Elizabeth S. Shippen Scholarships were founded in 1917 by the bequest of the late Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded each year, one to the member of the senior class who receives the Bryn Mawr European Fellowship and two to members of the junior class, as follows:

The Shippen Scholarship in Science of the value of \$100 is awarded to a member of the junior class, one or both of whose major subjects lie in the Scientific Departments, viz., Physics, Chemistry, Geology, Biology, for excellence of work in one of these departments.

The Shippen Scholarship in Foreign Languages of the value of \$100 is awarded annually to a member of the junior class, one or both of whose major subjects lie in the Departments of Foreign Languages, viz., Greek, Latin, German, French, Italian, Spanish, for excellence of work in one of these departments. Work in elementary language courses is not counted.

No student shall be considered eligible for the Science or Foreign Language Scholarship who has not completed at least fifteen hours of work in the subject on which the computation is based. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for the Shippen Scholarship in Science or in Foreign Languages.

*Sheelah
Kilroy
Memorial
Scholarships*

The Sheelah Kilroy Memorial Scholarships in English of the value of \$125 each were founded in 1919 by Dr. and Mrs. Philip Kilroy in memory of their daughter Sheelah. These scholarships are awarded annually on the recommendation of the Department of English, one to the student who does the best work in the required English courses, and one to the student who does the best work in the advanced English courses.

*Horace
White Prize*

The Horace White Prize in Greek Literature, a prize of \$50 founded by Miss Amelia Elizabeth White in 1919, is awarded to the best student in the Second year class in Greek Literature, the nomination to be made by the Professor conducting the class. In 1924 Miss White gave a second prize for the best graduate student in the class in Greek Literature.

Essay Prize

President M. Carey Thomas Essay Prize of \$100 awarded to the student who in the opinion of the English Department is the best creative writer in the Senior Class.

Scholarship at the Woman's Medical College of Pennsylvania

The Woman's Medical College of Pennsylvania presented to Bryn Mawr College in 1910 the scholarship to be awarded to a graduate of the college recommended by the President and Faculty as in their opinion qualified to take up the study of medicine. The holder is given free tuition for one year at the Woman's Medical College of Pennsylvania and the scholarship will be renewed for the three remaining years of the medical course if the holder's record prove satisfactory.

Scholarships Available for Members of the Sophomore Class

The James E. Rhoads Memorial Sophomore Scholarship* of \$500 for one year, was founded in 1897 by the Alumnae Association of Bryn Mawr College, in memory of the first President of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have completed college work amounting to not less than twenty and not more than forty-five hours (three semesters' work) and attended lectures at Bryn Mawr College not less than one semester. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College, and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee consists of the Faculty Committee on Undergraduate Scholarships and the members of the Scholarships and Loan Fund Committee of the Alumnae Association.

*James E.
Rhoads
Memorial
Sophomore
Scholarship*

Two Maria Hopper Scholarships* of \$200 each to be held in the sophomore year, were founded in 1901 by the bequest of the late Maria Hopper of Philadelphia. They are awarded on the ground of excellence in scholarship to two members of the freshman class who need financial assistance.

*Maria
Hopper
Scholarships*

Scholarships Available for Members of the Junior Class

The James E. Rhoads Memorial Junior Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first president of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have completed college work amounting to not less than forty and not more than seventy-five hours (five semesters' work) and have attended lectures at Bryn Mawr College not less than three semesters. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College, and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee is the same as for the James E. Rhoads Memorial Sophomore Scholarship.

*James E.
Rhoads
Memorial
Junior
Scholarship*

The Mary E. Stevens Scholarship* of the value of \$160 to be held in the senior year, founded in 1896 by former pupils of Miss Mary E. Stevens's School, is awarded on the nomination of the President of the College to a member of the sophomore class who needs financial assistance.

*Mary E.
Stevens
Scholarship*

The Anna Hallowell Memorial Scholarship* of \$100 was founded in 1912 by the family of the late Anna Hallowell. It is awarded to a member of the sophomore class in need of financial assistance to enable her to continue her studies during her junior year, and is to be awarded by the

*Anna
Hallowell
Memorial
Scholarship*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Faculty to the student satisfying the above requirement who has the highest academic record, provided that this student does not hold any other scholarship; this provision may, however, be disregarded in case of great financial need.

Scholarship Available for Members of the Senior Class

*Anna M.
Powers
Memorial
Scholarship*

The Anna M. Powers Memorial Scholarship* of \$200 to be held in the senior year was founded in 1902 by the late Mrs. J. Campbell Harris in memory of her mother, Anna M. Powers. The scholarship is open to members of the junior class who need financial aid in order to complete the work for the degree.

Scholarships Available for Students in Any Class

*Thomas H.
Powers
Memorial
Scholarship*

The Thomas H. Powers Memorial Scholarship* of \$200 was founded in 1910 by the late Mrs. J. Campbell Harris in memory of her father, Thomas H. Powers.

*Mary Anna
Longstreth
Memorial
Scholarship*

The Mary Anna Longstreth Memorial Scholarship* providing free tuition was founded in 1913 by the Alumnae of the Mary Anna Longstreth School, the children of Alumnae, and a few of her friends in grateful memory of Mary Anna Longstreth. The scholarship is to be awarded each year to a student who needs financial aid to begin or continue her college course.

*Anna Powers
Memorial
Scholarship*

The Anna Powers Memorial Scholarship* consisting of the income of a gift of \$2000 was founded in 1919 by Mrs. Charles Merrill Hough in memory of her sister Anna Powers, of the Class of 1890. The award of the scholarship is to be made by the Faculty of Bryn Mawr College to a student of good scholarship in need of financial aid.

*Constance
Lewis
Memorial
Scholarship*

The Constance Lewis Memorial Scholarship,* of \$100 annually, was founded in 1919 by the Class of 1904 in memory of their classmate Constance Lewis. The award of the scholarship is to be made by the Faculty of Bryn Mawr College.

*Amelia
Richards
Scholarship*

The Amelia Richards Scholarship* was founded in 1921 by the bequest of the late Mrs. Frank P. Wilson in memory of her daughter, Amelia Richards, deceased, of the class of 1918. The scholarship consists of the income of \$10,000 and is awarded annually by the Trustees on the nomination of the President of the College.

*Elizabeth
Wilson
White
Memorial
Scholarship*

The Elizabeth Wilson White Memorial Scholarship,* consisting of the income of a gift of \$7500, was founded in 1923 by Mr. Thomas Raeburn White in memory of his wife. The scholarship is awarded annually by the President of the College to a student who is in need of assistance to enter upon or continue her work at Bryn Mawr College.

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

The Alice Ferree Hayt Memorial award of \$50, founded in 1922, is awarded each year by Mrs. E. Todd Hayt to a student in need of financial assistance.

*Alice Ferree
Hayt
Memorial
Award*

The Abby Slade Brayton Durfee Scholarship,* consisting of the income of a fund of \$2,000 was established in 1924 under the will of the late Randall Nelson Durfee in memory of his wife. In awarding the scholarship preference will be given to candidates of American or English descent and to descendants of the class of 1894 of Bryn Mawr College.

*Abby Slade
Brayton
Durfee
Scholarship*

One or more Book Shop Scholarships are contributed yearly from the profits of the Bryn Mawr Cooperative Society to be awarded to students in need of financial assistance.

*Bookshop
Scholarship*

Students' Loan Fund

The Students' Loan Fund was founded by the Class of 1890 for the use of able students, whether or not they hold scholarships, who need to borrow money in order to continue their college course; and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

*Students'
Loan Fund*

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

The Committee in administering this money follow a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, who strongly recommend the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee, exceptions are made in special cases, for example that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Penna. Application blanks may be obtained from the Alumnae Office on the third floor of Taylor Hall by students who wish to borrow from the Loan Fund. Except in the case of special emergencies, applications for any given year should be made before May first of the preceding academic year.

Parents' Fund

The Parents' Fund was founded and is supported by the contributions of parents and students who are able and willing to pay the full cost of tuition (approximately \$840). It is used in making grants to supplement the scholarship awards and to assist other students in need of financial aid.

*Parents'
Fund*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations primarily for the placement of its graduates in teaching positions; from time to time, however, it is advised of positions in business. The bureau also assists graduate and undergraduate students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance to the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$9,000 yields sufficient income to provide tuition for one student at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment
 of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

PART II

THE GRADUATE SCHOOL



THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. Bryn Mawr, being small, offers special opportunities to its graduate students for the working out of research problems in small seminars under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred, and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy, and certain courses may be pursued for one or two years and offered as one of the two minor or secondary subjects.

Admission

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

*Graduate
Students*

Graduates of Bryn Mawr College, and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the graduate school.

The most distinguished place in the graduate school is held by the fellows and graduate scholars, who must reside in the college during the academic year. Four European fellowships, two resident or non-resident fellowships, twenty-four resident fellowships and thirty-one graduate scholarships are offered annually.

*Fellows
and
Scholars*

Residence

Residence in the college buildings for graduate students is optional except for holders of resident fellowships and scholarships. Those who do not reside in the college buildings are expected to make arrangements which are satisfactory to the college. No student may live in the Halls of Residence who does not register for a course or research work amounting

*Residence
for
Graduate
Students*

to at least a two-hour lecture or seminary course, but those who wish to take five hours a week of lectures or less may live in the College halls on the understanding that they must give up their rooms if needed for students who are taking the full amount of graduate work and paying the regular tuition fee. Former students returning to write a dissertation or to do research work are required to register and to pay the minimum fee of eighteen dollars a semester if they wish to make use of the library and seminary rooms. In each hall of residence, except Merion Hall, a special wing or corridor is reserved for graduate students. Every student has a separate bedroom. Room-rent includes all expenses of furnishing, service, heating and light.

Plans and descriptions of the academic buildings and halls of residence with information regarding the charges for rooms are published as Part 4 of the Bryn Mawr College Calendar.

Application for Rooms

Application for rooms should be made as early as possible. The demand for graduate rooms is very great, and since reserving a room unnecessarily may prevent some other student from entering the college, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the College in the year for which the room is reserved, the amount of the deposit is deducted from the first College bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the College. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract, which will be sent on application, and return it with the fee of fifteen dollars to the Secretary and Registrar of the College. A deposit of fifteen dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before May first of the current year.

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the College by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Any student who changes her room is required to pay^v an extra fee of fifteen dollars.

Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

There are open fire-places in many single rooms, but the rooms are sufficiently heated by steam. The students' personal washing may be done by any laundry recommended by the college for one dollar a dozen, or about sixteen dollars a half-year for one dozen pieces a week.

The charge for board is four hundred dollars a year, one half being payable on registration and the other half at the beginning of the second semester.

In case of prolonged illness and absence from the College extending over six weeks or more, there will be a proportionate reduction in charge for board.

Accommodation is provided for graduate students who wish to remain at the College during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the College halls are closed, but accommodation may be obtained near the College campus. At Easter graduate students may occupy their own rooms in the halls of residence at the above rate. Any student remaining in Bryn Mawr or nearby and not in the College or in her own home for all or part of the vacation must make arrangements satisfactory to the President.

The College reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

*Board
Accommo-
dation for
Vacations*

*College
Regulation*

DEPARTMENT OF HEALTH

Health

A Health Committee consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Director of Physical Training, the Physicians of the College, and the Wardens has charge of the health of the students.

The department of health requires that every student file with the Chairman a certificate of a recent medical examination signed by the student's physician.

A certificate of successful vaccination or of two unsuccessful vaccinations within two years of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

All entering resident graduate students are required to have a medical, physical and oculist's examination and to follow the health directions of the physicians of the college which will be given them after the examination; those who are reported by the physicians of the college as suffering from uncorrected eye trouble will be expected to take the necessary measures to correct it.

All resident graduate students are required to register regular exercise.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the Resident Physician without charge at her office in the college Infirmary from 8.30-9.30 A. M. from Monday to Friday, Saturday from 12-1.00 P. M., and Sunday by appointment only.

Infirmary Fees

The Infirmary fee is ten dollars for each resident graduate student. Payment of this fee entitles each graduate student to care in the infirmary for two days during the year, with attendance by the college physicians, and, if the illness is not contagious, to nursing. In the event of an illness of longer duration and of all contagious illnesses the student must meet or, in the case of two or more students with the same contagious disease, share the expenses of a special nurse, the infirmary fees, and any hospital or sanitarium charges, should removal from the college be ordered by the Physician in Chief.

A special nurse for one student is \$14.30 a day or \$100.10 a week, which includes nurse's fee, board and laundry, and the student's infirmary fee. In contagious cases the fee is \$15.30 a day or \$107.10 a week. The infirmary fee for the student is \$6.00 a day, which includes nursing, provided that one of the college nurses is able to care for her.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the College.

Expenses

Expenses of Graduate Students

Tuition for the semester, payable on registration:	
For one hour* a week of lectures.....	\$18.00
For two hours a week of lectures.....	36.00
For three hours a week of lectures.....	48.00
For four or five hours a week of lectures.....	65.00
For six or more hours a week of lectures.....	100.00
Room-rent for the academic year, payable on registration.....	100.00
Board for the semester, payable on registration.....	200.00
<i>Summary of total expenses for the academic year:</i>	
Tuition fee, for six or more hours a week of lectures.....	200.00
Room-rent.....	100.00
Board.....	400.00
Infirmary fee†.....	10.00
Athletic fee.....	3.50

Total for tuition, residence, athletic fee, and infirmary fee
for the academic year..... \$713.50

Laboratory fees for the academic year (additional).....\$12 to \$43

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

The tuition fee for the semester becomes due as soon as the student is registered in the College office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the College must register immediately at the Comptroller's office, and must register her courses at the President's office within two weeks after entrance under penalty of exclusion from the College. Any change made later in the courses registered must be reported immediately to the President's office, or the courses will not be permitted to count, and a charge of one dollar will be made for each change made in the course after it has been definitely registered.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

*Tuition
Fee*

* The fees charged are reckoned on the basis of the actual hours of conference or lecture irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

† This fee entitles the student to two days (not necessarily consecutive) resident care in the Infirmary and to consultations with the College Physician during her office hours.

*Laboratory Fees**Laboratory
Fee*

In counting the number of hours for which a graduate is registered the following special arrangements are made in regard to laboratory courses: payment for a one hour lecture course in a scientific department entitles the student to four hours of laboratory work in addition with no extra charge except the laboratory fee. Students registered for laboratory work only, are charged the following tuition fee: for each two and one-half hours of undergraduate laboratory course and for each five hours of graduate laboratory course the same fee as for one hour lecture course. The laboratory fees as stated below are charged in addition to the charge for tuition.

Graduate students taking courses in scientific departments (Physics, Chemistry, Geology, Biology, and Psychology) amounting to six or more hours a week of lecture courses or its equivalent in laboratory courses are charged a laboratory fee of twenty-one dollars and fifty cents a semester with the following exceptions: if the student takes, as a regular student, courses in subjects not enumerated above amounting to six hours a week the laboratory fee is reduced to fifteen dollars a semester; and if she takes, as a regular student, courses in subjects not enumerated above amounting to ten hours a week the laboratory fee is reduced to seven dollars and a half a semester.

Graduate students taking less than six hours a week of lectures, or its equivalent in laboratory work, and graduate students taking one undergraduate laboratory course only are charged a laboratory fee of fifteen dollars a semester for every laboratory course of four or more hours a week, and of seven dollars and fifty cents a semester for every laboratory course of less than four hours a week.

In courses in Geology each hour of field work counts as one hour of laboratory work.

All graduate students, including Fellows and Scholars, taking two courses or a course which requires field work in the Department of Social Economy and Social Research are charged a laboratory fee of ten dollars a semester, and may also be required to provide themselves with two fifty-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each, and to meet their traveling and incidental expenses while working in the field during the semester and vacations. An allowance not exceeding fifty dollars will be made to each Fellow and Scholar towards the resident field expenses. The fee for the certificate is ten dollars, and all Fellows and Scholars are expected to complete work for a certificate and are charged the ten dollars certificate fee.

The fee for laboratory courses in Applied Psychology, Education, and Educational Psychology for graduate students is six dollars a semester.

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not

purely academic or affecting the management of the halls of residence or the student body as a whole. All persons studying in the graduate school are members of this association. A room in Denbigh Hall is set apart by the College to be used as a club-room and informal meetings and social gatherings are frequently held there.

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 118,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 2 P. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over twelve thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments, and, in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library*, and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M., and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents, and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes, and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college, and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German, and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

- Abhandlungen der Königl. bayerischen Akademie der Wissenschaften zu München.
 American Mercury.
 *Amherst Graduates' Quarterly.
 Asia
 Atlantic Monthly.
 Bookman.
 Bookman (English).
 Bookseller.
 *Bryn Mawr Alumnae Bulletin.
 Bulletin of Bibliography.
 *Bulletin of the New York Public Library.
 Century.
 China Weekly Review.
 Congressional Digest.
 Contemporary Review.
 Cumulative Book Index.
 Deutsche Rundschau.
 Dial.
 Drama.
 Edinburgh Review.
 English Review.
 La Esfera.
 Foreign Affairs.
 Fortnightly Review.
 Forum.
 Göttingische Gelehrte Anzeigen.
 Harper's Monthly Magazine.
 Harvard Graduates' Magazine.
 L'Illustration.
 Independent and Weekly Review.
 International Index to Periodicals.
 Irish Statesman.
 Jahresverzeichnis der an den deutschen Universitäten und Technischen Hochschulen erschienenen Schriften.
 *Japan Society Bulletin.
 *Johns Hopkins University, Circulars.
 Library Journal.
 Literary Digest.
 Living Age.
 London Mercury.
 Mercure de France.
 Mind and Body.
 Minerva-zeitschrift.
 *Monthly Bulletin of the Carnegie Library of Pittsburgh.
 Musical Quarterly.
 Nachrichten von der Königl. bayerischen Gesellschaft der Wissenschaften, Göttingen.
 Nation, N. Y.
 Nation and Athenaeum.
 Neue Rundschau.
 New Republic.
 New Statesman.
 New York Times Index.
 Nineteenth Century.
 North American Review.
 Nouvelle Revue Française.
 Nuova Antologia.
 Outlook.
 Philadelphia Symphony Orchestra Program.
 Preussische Jahrbücher.
 Public Affairs Information Service Bulletin.
 Publishers' Weekly.
 Punch.
 Quarterly Review.
 Reader's Guide to Periodical Literature.
 Review of Reviews.
 Revista de Occidente.
 Revue Critique d'Histoire et de Littérature.
 Revue de Paris.
 Revue des Deux Mondes.
 *Revue Internationale de la Croix-rouge.
 Revue Politique et Littéraire; Revue Bleue.
 Saturday Review.
 Scientia.
 Scribners Magazine.
 Sewanee Review.
 Sitzungsberichte der Königl. bayerischen Akademie der Wissenschaften.
 Sitzungsberichte der Königl. Preussischen Akademie der Wissenschaften zu Berlin.
 *Southern Workman.
 Spectator.
 Theater Arts Monthly.
 (Der) Türmer.
 *University of California, Publications.
 *University of Missouri, Studies.
 *University of Nebraska, Studies.
 *University of Texas, Studies.
 *University of Washington, Studies.
 Westermann's Monatshefte.
 World's Work.

Newspapers

- *College News, Bryn Mawr.
 El Sol.
 *Home News, Bryn Mawr.
 London Times.
 New York Times.
 Philadelphia Public Ledger.
 United States Daily.

* Presented by the Publishers.

Art and Archaeology

American Journal of Archaeology.

Die Antike.

Archæologike Ephemeris.

Archiv für Papyrusforschung.

Archivo español de Arte y Arqueología.

Art and Archæology.

Art Bulletin.

Art in America.

L'Arte.

Beaux-Arts.

Berliner Museen.

Boletin de la Sociedad Española a Excursiones.

British School at Athens, Annual.

*Bulletin of the Cleveland Museum of Art.

Bulletin of the Metropolitan Museum of Art, New York.

Bulletino della Commissione archæologica comunale de Roma.

*Bulletin of the Rhode Island School of Design.

Burlington Magazine.

Dedalo.

Emporium.

Gazette des Beaux Arts.

International Studio.

Jahrbuch der königlich preussischen kunstsammlungen.

Jahrbuch des Archæologischen Instituts.

Jahreshefte des Österreichischen Archæologischen Instituts in Wien.

Journal of the American Institute of Architects.

Journal of Egyptian Archæology.

Journal of Hellenic Studies.

Journal international d'archéologie numismatique.

Mittheilungen und Nachrichten des Deutschen Palästina Vereins.

Mittheilungen des Deutschen Archæologischen Instituts, Athenische Abteilung.

Mittheilungen des Deutschen Archæologischen Instituts, Römische Abteilung. Monumenti Antichi.

Museum Journal.

*Museum of Fine Arts Bulletin, Boston.

Notizie degli Scavi di Antichita.

Rassegna d'arte.

Rassegna d'arte Senese.

Revue archéologique.

Revue de l'art.

Rivista d'arte.

Syria.

Zeitschrift des Deutschen Palästina Vereins.

Zeitschrift für bildende kunst.

Economics and Politics

*Advocate of Peace.

All Opinions of the U. S. Supreme Court.

*American Association for International Conciliation, Publications.

American City.

American Economic Review.

American Federationist.

American Journal of International Law.

American Municipalities.

American Political Science Review.

Annalist.

Annals of the American Academy of Political and Social Science.

Columbia Law Review.

Columbia Studies in History, Economics, and Public Law.

Commerce Monthly.

Commerce Reports.

*Congressional Record.

Economic Journal.

Good Government.

Great Britain, Consolidated List of Parliamentary Publications.

Handbuch der öffentlichen Rechte.

Harvard Business Review.

Harvard Law Review.

Jahrbücher für Nationalökonomie und Statistik.

Johns Hopkins University Studies in Historical and Political Science.

Journal of Comparative Legislation.

Journal of Criminal Law.

Journal of Political Economy.

Journal of the Royal Statistical Society.

League of Nations Official Journal.

League of Nations Treaty Series.

Municipal Journal, London.

National Municipal Review.

National Tax Association Bulletin.

Paix par le Droit.

Political Science Quarterly.

Polybiblion; Revue Bibliographie.

Proceedings of the Academy of Political Science.

Public Administration.

Public Management.

Publications of the American Economic Association.

Quarterly Journal of Economics.

Revue général de Droit international public.

Revue Municipale.
Short Ballot Bulletin.
Yale Review.

Zeitschrift für Kommunal Wirtschaft.
Zeitschrift für Volkswirtschaft, Social-
politik u. Verwaltung.

Social Economy and Social Research

*Advance.
American Child.
American Child Health Association, Transactions.
*American Flint.
American Journal of Public Health.
American Journal of Sociology.
American Labor Legislation Review.
*American Pressman.
*Bakers' Journal.
Better Times.
Bibliographie der Socialwissenschaften.
*Bridgeman's Magazine.
*Broom-makers' Journal.
*Bulletin of the New York State Department of Labor.
Bulletin of the Taylor Society.
*Carpenter
Child Health Bulletin.
*Commercial Telegraphers' Journal.
Economic World.
*Electrical Workers' Journal.
*Elevator Constructor.
Eugenics Review.
Factory.
Family.
*Garment Worker.
*Granite Cutters' Journal.
Housing Betterment.
Industrial Arts Index.
Industrial Bulletin.
Industrial Information Service
*Institution Quarterly.
*International Bookbinder.
International Labour Review.
*International Musician.
*International Steam Engineer.
Journal of American Statistical Association.
Journal of Delinquency.
Journal of Heredity.
Journal of Industrial Hygiene.
Journal of Personnel Research.
Journal of Social Hygiene.
*Journal of the Cigar Makers' International Union.
*Journeyman Barber.
Labor Bulletin of the Massachusetts Bureau of Statistics.
Labour Magazine.
Labour Monthly.

*Law and Labor.
*Leatherworkers' Journal.
L'Emancipation.
Life and Labor Bulletin.
Locomotive Engineer's Journal.
*Machinists' Journal.
Mental Hygiene.
Metron.
Ministry of Labour Gazette.
*Mixer and Server.
Monthly Labor Review.
*Motorman and Conductor.
National Consumers' League.
National Conference of Social Work
Bulletin and Proceedings.
*Ohio State Institute Journal.
*Painter and Decorator.
*Papermakers' Journal.
*Patternmakers' Journal.
*Paving Cutters' Journal.
*Plasterer.
Playground.
*Public Health, Michigan.
*Quarry Workers' Journal.
*Railway Carmen's Journal.
*Retail Clerks' International Advocate.
Revue des Etudes Co-operative.
Revue Internationale de Sociologie.
*Shoeworkers' Journal.
Social Forces.
Social Service Review.
Sociological Review.
Sociology and Social Research.
*Stereotypers' and Electrotypers' Journal.
Survey.
System.
*Tailor.
*Teamsters', Chauffeurs', Stablemen and Helpers' Magazine.
*Textile Worker.
*Tobacco Workers' Journal.
*Trade Union News
*Typographical Journal.
*United Association of Journeymen Plumbers' Journal.
*U. S. Bureau of Immigration, Publications
*U. S. Bureau of Labor Statistics, Bulletin
*U. S. Bureau of the Census, Publication
*U. S. Children's Bureau, Publications.
*U. S. Department of Health Bulletin.

- *University of Illinois, Studies in Social Sciences.
 *University of Minnesota, Studies in Social Sciences.

- Werdende Zeitalter.
 World Association for Adult Education, Bulletin.
 *Woodcarver.

Education

- Child Development Abstracts.
 Childhood Education.
 Education.
 Educational Administration.
 Educational Outlook.
 Educational Review.
 Elementary School Journal.
 Forum of Education.
 Harvard Monographs in Education.
 Industrial Education Magazine.
 Journal of Educational Psychology.
 Journal of Educational Research.
 *Journal of the American Association of University Women.
 Lehrproben und Lehrgänge.
 National Education Association, Publications.
 National Society for the Study of Education Yearbook.

- Pädagogische Studien.
 Pedagogical Seminary.
 Progressive Education.
 Revue Internationale de l'Enseignement Supérieur.
 Revue Universitaire.
 School and Society.
 School Parent.
 School Review.
 School Science and Mathematics.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 *U. S. Bureau of Education, Bulletin.
 *University of California Publications, Education.
 Zeitschrift für pädagogische Psychologie.

History

- American Historical Association, Reports.
 American Historical Review.
 Camden Society, Publications.
 Current History.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.
 History.

- *Illinois State Historical Society Journal.
 Jahresberichte der Geschichtswissenschaft.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Napoleon, revue.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.

Philology and Literature, Classical

- Ægyptus.
 Bulletin bibliographique et pédagogique du Musée Belge.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Commentationes philologae jenenses.
 Dissertationes philologicae halenses.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.

- Le Musée Belge, Revue de Philologie classique.
 Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Untersuchungen.
 Philologus.
 Quellen und Forschungen zur lateinischen Philologie.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.

Philology and Literature, General and Comparative

Acta Philologica Scandinavica.
 American Journal of Philology.
 Eranos.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica.
 Philological Quarterly.

Philological Society, London, Publications.
 Philologische Wochenschrift.
 Speculum.
 Transactions of the American Philological Association.
 Zeitschrift für die österreichischen Gymnasien.
 Zeitschrift für vergleichende Sprachforschung.

Philology and Literature, Modern

Anglia.
 Anglistische Forschungen.
 Archiv für das Studium der neueren Sprachen.
 Archivum Romanicum.
 Arkiv for Nordisk Filologi.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletino della Societa Dantesca Italiana.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Chronique des lettres francaises.
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Dialect Notes.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Études italiennes.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.

Kieler Studien zur englischen Philologie.
 Korrespondenzblatt des Vereins für niederdeutsche Sprachforschung.
 Kritischer Jahresbericht über die Fortschritte der romanischen Philologie.
 Language, journal.
 (Les) Lettres.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Malone Society, Publications.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Münchener Beiträge zur romanischen und englischen Philologie.
 Notes and Queries.
 Palaestra.
 Peet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revista de Occidente.
 Revista de Estudios Hispánicos.
 Revue Celtique.
 Revue des Langues Romanes.
 Revue de Litterature Comparée.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Français, Publications.

Société des Textes Français Modernes,
Publications.
Studien zur englischen Philologie.
Studies in Philology.
Wiener Beiträge zur englischen Philologie.
Yale Studies in English.
Year's Work in English Studies.
Zeitschrift des allgemeinen Deutsche
Sprachvereins.

Zeitschrift für den deutschen Unterricht.
Zeitschrift für deutsche Philologie.
Zeitschrift für deutsches Altertum und
deutsche Litteratur.
Zeitschrift für deutsche Wortforschung.
Zeitschrift für französische Sprache und
Litteratur.
Zeitschrift für romanische Philologie.

Philology and Literature, Semitic

American Journal of Semitic Languages
and Literatures.
Jewish Quarterly Review.
Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
Zeitschrift für ägyptische Sprache und
Altertumskunde.
Zeitschrift für Assyriologie.

Philosophy and Psychology

American Journal of Ophthalmology.
American Journal of Physiological Optics.
American Journal of Psychology.
Année psychologique.
Archives de Psychologie.
Archives of Psychology.
Archiv für die gesammte Psychologie.
Archiv für Geschichte der Philosophie.
Archiv für systematische Philosophie.
British Journal of Medical Psychology.
British Journal of Psychology.
Bulletin de l'Institut Psychologique.
Comparative Psychology Monographs.
Genetic Psychology Monographs.
Hibbert Journal.
International Journal of Ethics.
Journal de Psychologie.
Journal für Psychologie und Neurologie.
Journal of Abnormal and Social Psychol-
ogy.
Journal of Applied Psychology.
Journal of Comparative Psychology.
Journal of Experimental Psychology.
Journal of Philosophical Studies.
Journal of Philosophy.
Mind.

Monist.
Philosophical Review.
Proceedings of the Aristotelian Society.
Proceedings of the Society for Psychical
Research.
Psychological Abstracts.
Psychological Bulletin.
Psychological Clinic.
Psychological Review.
Psychological Review; Monograph Sup-
plements.
Psychological Review; Psychological In-
dex.
Psychologische Arbeiten.
Psychologische Forschung.
Revue de Métaphysique.
Revue philosophique.
Training School Bulletin, Vineland.
*University of Toronto Studies, Psychology
Series.
Zeitschrift für angewandte Psychologie.
Zeitschrift für Psychologie und Physio-
logie der Sinnesorgane: 1. Abt., Zeit-
schrift für Psychologie. 2. Abt., Zeit-
schrift für Sinnesphysiologie.

Religion

American Friend.
Anglican Theological Review.
*Christian Register.
Expository Times.
Harvard Theological Review.
Journal of Biblical Literature.
Journal of Religion.
Journal of Theological Studies.
*Publications of the American Jewish His-
torical Society.

Religious Education.
Revue biblique.
Revue de l'histoire de Religions.
*Spirit of Missions.
*Woman's Missionary Friend.
Zeitschrift für die Alttestamentliche Wes-
senschaft.
Zeitschrift für die Neutestamentliche Wes-
senschaft.

Science, General.

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| <p>American Journal of Science.
Atti della Reale Accademia delle Scienze di Torino.
British Association for the Advancement of Science, Reports.
*Bulletin of the University of Wisconsin, Science Series.
Comptes Rendus des Séances de l'Académie des Sciences.
Journal of Scientific Instruments.
*Kansas University, Science Bulletin.
Nature.
*New York State Museum Bulletin.
Philosophical Magazine.</p> | <p>Philosophical Transactions of the Royal Society of London.
Proceedings of the American Philosophical Society.
Proceedings of the National Academy of Sciences.
Royal Society of London Proceedings, series A and B.
Science.
Scientific American.
Scientific Monthly.
*U. S. National Museum, Publications.
*University of Missouri Studies, Science Series.</p> |
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Science, Biology

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| <p>American Anthropologist.
American Journal of Anatomy.
American Journal of Physiology.
American Naturalist.
Anatomischer Anzeiger.
Archiv für die gesammte Physiologie.
Archiv für Entwicklungsmechanik.
Archiv für Protistenkunde.
Biochemical Journal.
Biochemische Zeitschrift.
Biologisches Centralblatt.
Botanisches Centralblatt.
Endocrinology.
Genetics.
*Illinois Biological Monographs.
Jahrbücher für wissenschaftliche Botanik.
Journal de Physiologie.
Journal of Biological Chemistry.
Journal of Clinical Investigation.
Journal of Experimental Medicine.
Journal of Experimental Zoölogy.
Journal of General Physiology.
Journal of Genetics.
Journal of Morphology.
Journal of Physiology.</p> | <p>Journal of the Royal Microscopical Society.
*Midland Naturalist.
Physiological Abstracts.
Physiological Reviews.
Quarterly Journal of Microscopical Science.
*U. S. Public Health Service, Publications.
*University of California Publications, Physiology.
*University of California Publications, Zoölogy.
*University of Pennsylvania, Contributions from the Zoölogical Laboratories.
*University of Toronto Studies, Biological Series.
*University of Toronto Studies, Physiological Series.
*Wilson Bulletin
Zeitschrift für Physiologische Chemie
Zeitschrift für wissenschaftliche Zoologie.
Zeitschrift für Zellforschung und mikroskopische Anatomie.
Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>Association of American Geographers, Annals.
Bulletin of the Geographical Survey of Philadelphia.
Centralblatt für Mineralogie.
Economic Geography.
Economic Geology.
Geographical Journal.
Geological Magazine.</p> | <p>Geologisches Centralblatt.
*Illinois Geological Survey Bulletin.
Internationale Bergwirtschaft.
Journal of Geography.
Journal of Geology.
Meteorologische Zeitschrift.
Mineralogical Magazine.
National Geographic Magazine.</p> |
|---|---|

* Presented by the Publishers.

Neues Jahrbuch für Mineralogie, Geologie
und Paläontologie.
Pan-American Geologist.
Quarterly Journal of the Geological
Society.

Revue de Geologie.
*U. S. Monthly Weather Review.
*University of Toronto Studies, Geological
Series.

Mathematics, Chemistry, and Physics

Acta Mathematica.
American Journal of Mathematics.
American Mathematical Monthly.
Annalen der Chemie.
Annalen der Physik.
Annales de Chimie.
Annales de Physique.
Annales des Sciences de l'Université de
Toulouse.
Annales scientifiques de l'Ecole Normale
Supérieure.
Annali di Matematica.
Annals of Mathematics.
Astrophysical Journal.
Berichte der deutschen chemischen Gesell-
schaft.
British Chemical Abstracts.
Bulletin de la Société Chimique de France.
Bulletin de la Société Mathématique.
Bulletin des Sciences mathématiques.
Bulletin of the American Mathematical
Society.
Cambridge Tracts in Mathematics.
Chemical Reviews.
Chemisches Zentralblatt.
Giornale di Matematiche.
Helvetica Chimica Acta.
Jahrbuch der Chemie.
Jahrbuch über die Fortschritte der
Mathematik.
Jahresbericht der deutschen Mathe-
matiker Vereinigung.
Journal de Chimie physique.
Journal de Mathématiques.

Journal de Physique et de le Radium.
Journal für die reine und angewandte
Mathematik.
Journal für praktische Chemie.
Journal of Physical Chemistry.
Journal of the American Chemical
Society.
Journal of the London Chemical Society.
Journal of the Optical Society.
Kolloidzeitschrift.
Mathematische Annalen.
Mathematische Zeitschrift.
Messenger of Mathematics.
Monatshefte für Chemie.
Physical Review.
Physikalische Zeitschrift.
Proceedings of the London Mathematical
Society.
Quarterly Journal of Mathematics.
Recueil des Travaux Chimique des Pays-
Bas.
Rendiconti del Circolo Matematico di
Palermo.
Revue Semestrielle de Publications Mathe-
matiques.
Science Abstracts.
Transactions of the American Mathe-
matical Society.
U. S. Bureau of Standards Bulletin.
Zeitschrift für anorganische Chemie.
Zeitschrift für Elektrochemie.
Zeitschrift für Mathematik und Physik.
Zeitschrift für physikalische Chemie.

* Presented by the Publishers.

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The Degree of Master of Arts

The degree of Master of Arts will be in no case conferred by the College as an honorary degree, but only upon the completion of the following requirements:

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before May 1st of the year preceding that in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the Committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

Requirements for the Degree of Master of Arts

(a) *Admission to courses.*

Preliminary training equivalent to the Bryn Mawr College undergraduate Major* in the subject of the course is required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. The candidate must, however, have taken the equivalent of a Major in some subject.

(b) *Knowledge of Literature.*

A candidate is required to present credits for ten semester hours of undergraduate work in Literature, at least five of which must be English Literature. In case of failure to do so she will be required by the Committee on Graduate Students to make up her deficiencies.

* This amounts to 20 semester hours, but in English to 32 semester hours, and in philosophy and psychology to 24 hours of undergraduate college training.

(c) *Knowledge of Philosophy, Psychology, Laboratory Sciences, or Mathematics.*

A candidate is required to present credits for eighteen semester hours of undergraduate work in two or more of the following subjects: Philosophy, Psychology, Laboratory Science (i.e., Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than ten semester hours may be in any one of these subjects, and eighteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the Committee, at least six semester hours of laboratory science, which may be counted in the above eighteen hours.

(d) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(e) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(f) *Knowledge of English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

Deficiencies in preliminary requirements may not be made up later than the last year in which courses are taken for the degree.

REQUIREMENTS

Requirements for the Degree of Master of Arts

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses; but five hours of advanced undergraduate work* may be substituted for one of them.† To fulfill this requirement, therefore, the student must devote her entire time for one year to graduate study. Any serious deficiency in the preliminary requirements will make it impossible to complete the work for the degree in one year.

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

The Degree of Doctor of Philosophy and Master of Arts

The degree of Doctor of Philosophy and Master of Arts‡ will in no case be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

Before an applicant for the degree of Ph.D. can be accepted as a candidate she must submit to the Committee on Graduate Students in writing§ an account of her general preparation, stating in particular the extent of her knowledge of French, German, and Latin, and also the subjects she wishes to offer as Major and Minors for the degree, and the amount and character of her previous work in these subjects. If this statement is satisfactory she will be registered as a candidate. If the candidate's preparation is found by the Committee on Graduate Students to be in any way insufficient she shall be required to undertake suitable extra work.

REQUIREMENTS

Requirements for the Degree of Doctor of Philosophy and Master of Arts

1. *Time.*—The candidate shall devote to graduate work at least the equivalent of three full years. This maximum will usually be exceeded.

2. *Residence.*—Two full years of work in residence at Bryn Mawr are required. The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the Committee may accept work done under direction of scholars not directly connected with a college or university.

3. *Subjects.*—The course of study shall consist of one principal and one or two subordinate subjects, and shall be divided between at least two departments. The principal subject is known as the Major. When there

* In departments having required general courses, second year courses may be taken as advanced courses, provided the Committee on Graduate Students be satisfied that the courses in question are the equivalent of advanced courses in respect to the subject of the courses and the methods pursued.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ This is the form in which the degree has always been conferred.

§ Using the application blank issued by the Committee on Graduate Students.

are two subordinate subjects, one shall be in the same department as the Major or in a closely allied department, and is known as the Associated Minor, and the other shall be in a different department from the Major, and is known as the Independent Minor. When there is one subordinate subject it may be (a) the Independent Minor alone, in which case the Associated Minor and the Major are in the same subject, or (b) equivalent to both the Independent Minor and the Associated Minor, in which case it is known as a Double Minor. A list of all the approved combinations of Majors and Minors has been issued by the Academic Council, and no combination not on this approved list shall be allowed without special action of the Council, except that in the case of Independent Minors the Committee on Graduate Students has the power to accept a subject in a combination not on the approved list, such action, when taken, to be reported to the Council.

4. *Courses*.—Subject to the exception stated below, eight unit graduate courses or Seminaries are required for the Ph.D. degree. A unit graduate course or Seminary requires approximately one-third of a student's time for one year, so that three such courses will represent full-time work. Students are not permitted to register for more work than this.

*Graduate
Courses or
Seminaries*

Some courses are offered which require less than one-third of a student's time, and these count as proportionate parts of a unit course. When work done elsewhere is offered in partial fulfilment of the requirements for the degree at Bryn Mawr, the Committee on Graduate Students shall determine the equivalent of such work in terms of unit graduate courses at Bryn Mawr.

Of the eight courses required, six shall be in the Major and Associated Minor and two in the Independent Minor. The division of courses between the Major and Associated Minor, whether these are in the same or different departments, shall be subject to the approval of the Supervising Committee. If the Associated Minor and Independent Minor are in the same department, not less than four courses shall be taken in the major subject.

While the eight graduate courses required are understood to be organized courses, as announced in the Calendar, the department in which a candidate's major work is being done may, at its discretion, direct that other work shall be substituted for one of them. This substitution may be in the Major or in one of the Minors. Work thus substituted for a regular course may not be work upon the dissertation, except in the departments of laboratory science, viz., Physics, Chemistry, Geology, Biology, and Experimental Psychology. Such work must be covered in one of the examinations regularly provided or by a special examination or report. It shall be registered at the Office of the President and at the time of registration its character and the way in which it is to be tested shall be indicated. When, under this option, only one graduate course is taken in the Independent Minor, no mention of the Independent Minor shall be made in the diploma.

If a student's complete work in any one department exceeds two courses it may not be taken with a single instructor, except with the permission of the Committee on Graduate Students.

No undergraduate courses shall count towards the Ph.D. degree, even though a candidate may be obliged to take such courses in order to supplement her preparation in her subjects, except certain advanced courses in science recognized by the Committee on Graduate Students as equivalent to graduate courses in virtue of assigned supplementary reading or laboratory work or both. Such assigned supplementary reading or laboratory work shall be reported in writing by the instructor to the Committee on Graduate Students so as to indicate in what respect the course differs from undergraduate work.

All graduate courses must be completed before the Final Examination.

*Journal
Clubs*

Journal Clubs.—Every candidate takes part in the work of three Journal Clubs, two in her Major, and one in her Associated Minor; but candidates who are in residence for only two years may omit one of the three. Departments may, however, require participation in Journal Clubs on the part of all students who are pursuing the work as a Major.

*Oral
Examina-
tions*

5. *Tests in French, German, English, and Latin.*—Every candidate must pass in the presence of the Committee on Graduate Students an oral examination in the reading at sight of such French and German as it will be necessary for her to read in the course of her work in the major subject. These examinations shall be taken as soon after registration as possible; in any case not later than one calendar year* before the date of the Final Examination.† Any department so desiring may, however, require the passing of these examinations at an earlier point in the student's course. In case of failure, the Committee on Graduate Students may allow a second trial, but not later than an early date in the academic year in which the candidate is to complete the requirements for the degree. If the candidate's Major or Minor is modern French or German she will be excused from the corresponding test.

Every candidate must be able to write clear and correct English, and may be required to furnish to the Committee on Graduate Students satisfactory evidence of such ability. The candidate may also be required to give evidence that she has some knowledge of Latin.

Dissertation

6. *Dissertation.*—The candidate shall present a dissertation which must be the result of independent investigation in the field covered by the major subject. It must contain new results, arguments or conclusions or it must present accepted results in a new light. It must be published within three years from the Commencement after the candidate has passed the Final Examination (unless a special extension of time is granted by the Committee on Graduate Students), and 150‡ copies must be supplied to the College (addressed to the President's Office). The candidate shall not be entitled to use the degree until her dissertation shall have been published in approved form.

*Examina-
tions*

7. *Examinations.*—The progress and attainments of the candidate shall be tested by examinations and certified, as specified in the printed regulations.

* The Committee on Graduate Students regularly offers these examinations on the first Saturday after the Thanksgiving vacation, on the first day of the Mid-Year Examination period, and on the first Saturday after the Spring Vacation.

† Language examinations in French and German for the Ph.D. degree may be taken in the autumn of the year in which the student applies for the degree provided she has been abroad the preceding year and therefore unable to present herself for examination.

‡ Two of these must be bound in a specified manner for use in the Library.

COURSE OF STUDY

Graduate courses, which are open only to Graduate Students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archaeology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

*Graduate
Courses*

Advanced undergraduate courses to which graduate students are admitted under certain conditions are offered in all departments.

REGULATIONS

Lists of approved associated and independent minors for all departments will be found in the Regulations of the Academic Council.

Regulations

Books needed by the Graduate Students are collected in the Seminary library of each department.

No undergraduates are admitted to the Seminary Libraries or to Graduate Courses.

Comparative Philology and Linguistics

This department is under the joint direction of the Professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an independent Minor, but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of Major work, may take any of the courses listed below and count them as a part of their philology in the Major Department. Undergraduate preparation entitling to graduate work in any of the language departments will entitle to work in this department.

The following courses are offered:

Introduction to the Study of Language.

Three hours a week during the first semester.

Lectures on comparative phonetics, morphology, syntax and semantics. Phonetic practice and introduction to experimental phonetics. Study of the principal types of language structure.

Elementary Sanskrit.

Three hours a week during the second semester.

Reading of classical and Vedic selections from Lanman's *Reader* and lectures on the phonology and morphology of Sanskrit, with practice work.

This course is given every other year, alternating with the following:

(Given in 1929-30)

Historical Grammar of Greek and Latin: Dr. Broughton.

Two hours a week throughout the year.

A study of the development of sounds and forms of Greek and Latin. Introduction to the study of Greek and Italian dialects.

**Graduate
Courses**

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English.	<i>Two hours a week throughout the year.</i>
Middle English.	<i>Three hours a week throughout the year.</i>
English Historical Grammar.	<i>Two hours a week throughout the year.</i>

ROMANCE PHILOLOGY

Introduction to Old French Philology.	<i>Two hours a week throughout the year.</i>
Old Italian.	<i>Two hours a week throughout the year.</i>
Spanish Philology and Old Spanish Readings.	<i>Two hours a week throughout the year.</i>

GERMANIC PHILOLOGY

German Historical Grammar.	<i>Two hours a week throughout the year.</i>
Gothic.	<i>Two hours a week during the first semester.</i>
Old Norse.	<i>Two hours a week through one semester.</i>
Old High German.	<i>Two hours a week during the first semester.</i>
Old Saxon.	<i>Two hours a week through one semester.</i>
Middle High German.	<i>Two hours a week through one semester.</i>
Comparative Germanic Grammar.	<i>Two hours a week through one semester.</i>

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.
WILMER CAVE WRIGHT,* Ph.D.

LECTURER: NATALIE GIFFORD, Ph.D.

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators, and Historians, and the Homeric Question, Plato, Aristophanes and Greek Sophists, in order that they may be taken in consecutive years. Students electing Greek as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Greek be also elected as the associated minor the candidate must offer two seminars and the journal club for three years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department, and reports on this reading are from time to time required

* Granted leave of absence for the year 1928-1929.

of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archaeology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see pages 162 and 163.

Greek Seminary: Dr. Sanders.

Three hours a week throughout the year.

(Given in each year)

1928-29: Greek Orators

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax, and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Isæus, Æschines, Hypereides, and Demosthenes. The classical library is well equipped with works on the orators.

1929-30: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

1930-31: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature.

Greek Seminary: Dr. Wright.*

Two hours a week throughout the year.

(Will not be given in 1928-29)

1929-30: Aristophanes.

The aim of the seminary is to make the students familiar with the more important Aristophanic literature up to the present day. Portions of the text are interpreted by the class and reports on assigned topics, literary, historical, and archæological, connected with the plays are expected from all the members. All the comedies of Aristophanes are read in the course of the year; lectures are given by the instructor on the metres and syntax of Aristophanes, on the dramatic structure of the plays and on the history of Attic comedy. Part of the work consists of analyses of dissertations on Aristophanes which are presented by members of the class. Every member of the class should provide herself in advance with a complete text of Aristophanes. The Clarendon Press (Oxford) edition is recommended.

1930-31: Plato.

The work is mainly literary and critical. Lectures on the style, philosophy, and chronology of the dialogues are given by the instructor; a detailed interpretation of a portion of Plato, and reports on topics set for discussion are given by the class. The students are expected to read the *Republic*, *Theætetus*, *Parmenides*, and *Sophist* and discuss certain problems arising from these dialogues. The aim of the course is to lay a foundation for independent work by familiarizing the students with the achievements of scholarship and the general field of Platonic literature up to the present day. Every member of the seminary should provide herself in advance with a complete text of Plato. The Clarendon Press (Oxford) edition is recommended.

1931-32: The Homeric Question.

1st Semester.

The work consists of a review of the discussions of the Homeric since the publication of Wolf's *Prolegomena*. The various tests have been applied to the poems by archæ-

* Granted leave of absence for the year 1928-29.

ologists, linguists, historians of myths, and æsthetic critics are taken up and criticized in detail.

Greek Sophists of the Fourth Century A.D.

2nd Semester.

The works of the Emperor Julian, Libanius and others are read and discussed. Lectures and reports are given on the literary movements of the second, third and fourth centuries A.D.

Greek Journal Club: Dr. Sanders, Dr. Wright.*

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

(Given in 1928-29)

1st Semester.

Minor Orations of the Attic Orators: Dr. Sanders.

Two hours a week.

Sophocles, *Œdipus Coloneus*: Dr. Sanders.

One hour a week.

Palatine Anthology: Dr. Wright.*

Two hours a week.

2nd Semester.

Æschylus, *Agamemnon*: Dr. Sanders.

Two hours a week.

Greek Prose Composition and the Evolution of Style: Dr. Sanders.

One hour a week.

Sophocles, *Ajax*: Dr. Wright.*

Two hours a week.

(Given in 1929-30)

1st Semester.

Æschylus, *Eumenides*: Dr. Sanders.

Two hours a week.

Sophocles, *Trachiniæ*: Dr. Sanders.

One hour a week.

Melic Poets: Dr. Wright.

Two hours a week.

2nd Semester.

Greek Rhetoricians and Prose Composition: Dr. Sanders. *One hour a week.*

Bacchylides: Dr. Sanders.

One hour a week.

Euripides, *Bacchæ*: Dr. Sanders.

One hour a week.

Æschylus, *Septem* or *Lucian*: Dr. Wright.

Two hours a week.

(Given in 1930-31)

1st Semester.

Æschylus, *Oresteia*: Dr. Sanders.

Two hours a week.

Fourth Century Critics: Dr. Sanders.

One hour a week.

Theocritus: Dr. Wright.

Two hours a week.

2nd Semester.

Pindar: Dr. Sanders.

Two hours a week.

Sophocles, *Electram* or Euripides, *Electra* or Melic Poets: Dr. Sanders.

One hour a week.

Plato: Dr. Wright.

Two hours a week.

* Granted leave of absence for the year 1928-29. The courses announced by Professor Wright will be given by Dr. Gifford.

Latin

PROFESSOR:	LILY ROSS TAYLOR, Ph.D.
ASSOCIATE PROFESSORS:	MARY HAMILTON SWINDLER, Ph.D. SUSAN HELEN BALLOU,* Ph.D.
ASSOCIATE:	T. R. S. BROUGHTON, Ph.D.

GRADUATE COURSES

Two seminars, or in alternate years three seminars, are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced undergraduate courses of the department amounting to seven hours a week may also be elected by graduate students.

Graduate Courses

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years. Students electing Latin as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Latin be also elected as the associated minor the candidate must offer two seminars and the journal club for three years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

Latin Seminary: Dr. Taylor.

Two hours a week throughout the year.

1928-29: The Poetry of the Augustan Age.

Special emphasis on the work of Horace and Vergil in its relation to the principate of Augustus. The subjects for investigation by each student may be selected from the whole field of Augustan poetry.

1929-30: Latin Literature of the third and second centuries, B. C., special emphasis on Ennius and Plautus.

1930-31: Roman Religion and Latin Inscriptions.

Roman Religion will be studied from the sources with special emphasis on the material provided by the *Fasti* of Ovid. The early Roman calendar, the coming in of Italic and Greek gods, the origin and development of the imperial cult, and the growth of the Oriental Religions will be considered. In the second semester the work will centre on inscriptions with special study of those dealing with religion and with Roman social life.

Latin Seminary: Dr. Ballou.*

Two hours a week throughout the year.

(Will not be given in 1928-29)

1929-30: Mediæval Latin.

The Latin Church Fathers and the early Mediæval historians, together with other prose writers of especial interest from the fourth to the fourteenth century, will furnish the material for study, both linguistic and literary.

1930-31: Latin Palæography.

1st Semester.

The facsimiles in the collections of Chatelain, Zangemeister and Wattenbach, and Arndt furnish acquaintance with the more important Roman and mediæval literary hands, and photographic reproductions are used for practical exercises in collation and text emendation.

The Poems of Catullus.

2nd Semester.

These form the basis for the application of palæographic principles to textual criticism.

1931-32: Roman Historiography.

The development of the writing of history at Rome will be studied chronologically from the early annalists and Cato to Ammianus Marcellinus in the fourth century. Selections from representative historians will be read and reports made by the students on their methods and style.

* Granted leave of absence for the year 1928-29.

Latin Seminary: Dr. Broughton.*Two hours a week throughout the year.*

1928-29: Cicero's Correspondence.

An effort will be made to master typical textual and linguistic problems presented by the text, and special attention will be paid to Roman administration and political conditions during the last two years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., will form the basis of the work.

Historical Grammar of Greek and Latin:* Dr. Broughton.*Two hours a week throughout the year.**(Given in 1929-30)*

Latin Journal Club: President Park, Dr. Taylor, Dr. Ballou† and Dr. Broughton.

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books connected with the Latin classics.

ADVANCED UNDERGRADUATE COURSES**Advanced Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*(Given in 1928-29 and again in 1930-31)***Lucretius, De Rerum Natura: Dr. Taylor.***Two hours a week during the first semester.*

The course will deal with the place of the *De Rerum Natura* in literature and thought.

Vergil, Aeneid: Dr. Taylor.*Two hours a week during the second semester.*

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic. The chief emphasis will be on the last six books.

By special arrangement in 1928-29 these courses in *Lucretius* and *Vergil* will be open only to students who are qualified for honours, and will be adapted with supplementary work to the special needs and interests of the group accepted.

Literature of the Empire: Dr. Ballou.† *Three hours a week throughout the year.*

Authors of both Prose and Poetry will be read who give as complete a picture as possible of the state of society of the time; such as Petronius, Martial, Statius, Pliny, Juvenal, Seneca and Apuleius. The material will be divided between the semesters so that either one may be taken separately.

Latin Prose Composition, accompanied by readings from Cicero and Livy: Dr. Broughton.

*Two hours a week throughout the year.**(Given in 1929-30)***Cicero and Cæsar: Dr. Taylor.***Two hours a week throughout the year.*

A study will be made of the personality and achievements of Cicero and Cæsar and of the social and political conditions at the close of the Republic. The reading will be from Cicero's Letters and Cæsar's Commentaries supplemented by selections from Cicero's Orations, Sallust's *Catiline* and Suetonius' *Julius*.

The Life and Early Work of Vergil: Dr. Ballou.*Three hours a week during the first semester.*

The *Appendix Vergiliana* will be studied in connection with the ancient lives of Vergil and its authenticity will be discussed. The rest of the time will be given to the *Bucolics* and *Georgics*.

* See Comparative Philology, page 133.

† Granted leave of absence for the year 1928-29. The courses announced by Professor Ballou will be given by a lecturer to be appointed later.

Mediaeval Latin: Dr. Ballou. *Three hours a week during the second semester.*

(Given in 1929-1930)

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

Occasional lectures will be given upon the historical and cultural background of the period covered, and students will select special authors or subjects for further reading and reports.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. SAMUEL CLAGGETT CHEW, Ph.D.
ASSOCIATE PROFESSOR:	STEPHEN JOSEPH HERBEN, Ph.D.
ASSOCIATE:	ELEANOR GRACE CLARK, M.A.
ASSOCIATE PROFESSOR OF GERMAN:	FRITZ MEZGER, Ph.D.

GRADUATE COURSES

Graduate Courses

Seven seminars are offered each year in English literature and language, accompanied by the direction of private reading and original research. These seminars are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Students who elect English literature as their major subject in their examination for the degree of Doctor of Philosophy must offer English philology as an associated minor and those who offer English philology as a major subject must offer English literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1928-29: Shelley.

1929-30: Pope and Swift.

1930-31: Donne and Milton.

Seminary in English Literature: Dr. Chew.

Two hours a week throughout the year.

(Given in each year)

1928-29: The Jacobean Drama.

1929-30: Victorian Literature.

1930-31: The Age of Wordsworth.

Seminary in American Literature: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The periods vary from year to year.

(Occasionally a seminary in Criticism may be substituted for the seminary in American Literature.)

Seminary in Old English: Dr. Herben. *Two hours a week throughout the year.*
(Given in each year)

This seminary is open to graduate students who have already taken the course in Anglo-Saxon grammar and reading of Anglo-Saxon texts, or its equivalent.

1928-29: *Beowulf* and The Old English Lyrics.

1929-30: Old English Christian Poetry.

Seminary in Middle English: Dr. Herben.
Two hours a week throughout the year.
(Given in each year)

1928-29: Chaucer.

1929-30: Middle English Romances.

1930-31: The Beginnings of English Drama.

Seminary in Elizabethan Drama: Miss Clark.
Two hours a week throughout the year.
(Given in each year)

1928-29: Shakespeare, special topics.

1929-30: Early Elizabethan Drama, special topics.

Philological Seminary: Professor Mezger. *Two hours a week throughout the year.*
(Given in each year)

1928-29: Introduction to Germanic Philology.

1929-30: English Historical Grammar.

ROMANCE LANGUAGES

French

PROFESSOR: EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS: MARCELLE PARDÉ, *Agrégée*.

GRACE FRANK, A.B.

JEAN CANU, *Agrégé*.

ASSOCIATE: MARGARET GILMAN, Ph.D.

GRADUATE COURSES

Graduate Courses

Thirteen hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years. The members of the seminaries report on subjects assigned them at the beginning of each semester.

Students who choose French literature as their major subject in their examination for the degree of Doctor of Philosophy must offer French philology as the associated minor and students who offer French philology as a major subject must offer French literature as the associated minor.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck.

Two hours a week throughout the year.

(Given in each year)

1928-29: Theories of French Romanticism.

1929-30: French Drama of the Eighteenth and Nineteenth Centuries.

1930-31: Flaubert and Theories of Literary Realism.

Seminary in French Literature of the Sixteenth and Seventeenth Centuries: Miss Pardé and Mr. Canu.

Two hours a week throughout the year.

(Given in each year)

1928-29: French Drama of the Sixteenth and Seventeenth Centuries: Miss Pardé.

1929-30: The Literary Theories of French Classicism in the Sixteenth and Seventeenth Centuries: Mr. Canu.

Seminary in Mediæval French Literature: Mrs. Frank.

Two hours a week throughout the year.

1928-29: The Lyric, including the Courtly Lyric of Provence.

1929-30: Dramatic Literature of Mediæval France.

1930-31: Old French Narrative Poetry as Represented by the *Chansons de Geste* and the *Romans Courtois*.

French Bibliography: Dr. Gilman.

One hour a week during the first semester.

(Given in each year)

This course may be elected by any student taking one of the seminars in French Literature.

French Diction and Practical Phonetics: Mr. Canu.

One hour a week during the second semester.

(Given in each year)

This course may be elected by any student taking one of the seminars in French Literature.

Introduction to Old French Philology: Mrs. Frank.

Two hours a week throughout the year.

Part of each session is devoted to a critical reading of selected texts. This course is equivalent to a full seminary and counts as such.

Romance Languages Journal Club: Dr. Schenck, Miss Pardé, Dr. Gilman, Mrs. Frank, Mr. Canu, Dr. Gillet and Mr. Toglia.

One and one-half hours a fortnight throughout the year.

The journal club is intended to make the advanced students familiar with all the important European periodicals and with new books dealing with Romance Philology.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

**Advanced
Courses**

French Fiction: Mr. Canu.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

The course follows the development of the Novel and of the Short Story in France since 1850.

French Literature of the Sixteenth Century: Miss Pardé.

Two hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

French Lyric Poetry since 1850: Dr. Gilman.

One hour a week throughout the year.

(Given in each year)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Schenck.

Two hours a week during the first semester.

Miss Pardé.

Two hours a week during the second semester.

(Given in each year)

The class has one meeting a week and fortnightly interviews.

Italian

ASSOCIATE: VITO G. TOGLIA, M.A.

GRADUATE COURSES

Graduate Courses

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years. Students electing Italian as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

Seminary in Italian Literature: Mr. Toggia.

Two hours a week throughout the year.

1928-29: The Literature of the Nineteenth Century.

If necessary, modifications will be made in the work of the seminary to meet the special needs of students.

Old Italian: Mr. Toggia.

Two hours a week throughout the year.

Old Italian philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

1st Semester.

The Italian Literature of the Quattrocento—Selections from Ariosto's *Orlando Furioso*, Michelangelo's Poems, Cellini's *Vita*, etc.: Mr. Toggia.

Three hours a week.

2nd Semester.

The Italian Literature of the Cinquecento—Machiavelli's *Principe*, Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*, etc.: Mr. Toggia.

Three hours a week.

(Given in 1928-29)

1st Semester.

The Italian Literature of the Trecento—Dante's *Purgatorio* and *Paradiso*, etc.: Mr. Toglia. *Three hours a week.*

2nd Semester.

The Italian Literature of the Trecento and of the Quattrocento—Petrarch's *Rime*, Boccaccio's *Decameron*, Politian's Poems, etc.: Mr. Toglia. *Three hours a week.*

(Given in 1929-30)

Advanced Italian Composition: Mr. Toglia.

Two hours a week throughout the year.

(Offered in each year)

Spanish

ASSOCIATE PROFESSOR: JOSEPH EUGENE GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

Graduate Courses.

The graduate seminars in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Students electing Spanish as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

Seminary in Spanish: Dr. Gillet.

Two hours a week throughout the year.

1928-29: The prose works of Cervantes.

1929-30: Literary Criticism in Spain.

1930-31: The Spanish Drama of the Sixteenth Century.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology.

One hour a week throughout the year.

Old Spanish Readings.

One hour a week throughout the year.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Advanced Courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports. *Three hours a week throughout the year.*

Advanced Spanish Composition.

Two hours a week throughout the year.

German

ASSOCIATE PROFESSOR: MAX DIEZ, Ph.D.

ASSOCIATE PROFESSOR: FRITZ MEZGER, Ph.D.

Graduate Courses

GRADUATE COURSES

Eight hours a week of seminary work and graduate lectures are offered each year to graduate students of German and Germanic Philology accompanied by the direction of private reading and original research.

Graduate work in the history of modern German literature is conducted according to the seminary method. The courses are so varied that they may be followed by graduate students throughout three successive years and cover the work required of students who offer German literature as a major or a minor for the degree of Doctor of Philosophy. Students who elect German literature as their major subject in the examination for the degree of Doctor of Philosophy must offer Germanic Philology as an associated minor and students who offer Germanic Philology as a major subject must offer German literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Seminary in German Literature: Dr. M. Diez.

Three hours a week throughout the year.

1928-29: The Novel of Goethe.

Goethe's relation to his predecessors in this field and his influence on the development of the novel in the nineteenth century.

1929-30: The Poetry of the Minnesingers.

1930-31: The Life and Works of Grillparzer.

German Journal Club: Dr. Mezger and Dr. M. Diez.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment, and criticism.

GERMANIC PHILOLOGY

The instruction in this department is under the direction of Fritz Mezger, Associate Professor of German. The courses given in each year are selected from among those described below to meet the needs of the graduate students.

Special attention is called to the facilities for the study of comparative Germanic Philology offered by Bryn Mawr College. The English and the German departments together have provided for a complete course in Germanic philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.), and the study of general comparative philology.

The courses in introduction to the study of Germanic Philology, Gothic, and Middle High German grammar, are designed for students in the first year of graduate study in Germanic languages, and the remaining courses for students in their second or third year.

Students intending to elect Germanic philology are advised to study Greek for at least one year during their undergraduate course.

Gothic: Dr. Mezger.

Two hours a week during the first semester.

The course comprises a study of Gothic phonology and morphology on a comparative basis. As it forms the foundation of historical Germanic grammar it should be taken in the first year of graduate work.

Old High German: Dr. Mezger.

Two hours a week during the first semester.

(Given in 1928-29)

This course alternates with the course in Old Norse as a continuation of the course in Gothic. It treats the history of Old High German sounds and forms in connection with the reading of texts from Braune's *Althochdeutsches Lesebuch*.

At least one of the following courses will be offered every year:

Old Norse: Dr. Mezger.

Two hours a week through one semester.

This course, which alternates with the course in Old High German, offers a historical study of Old Norse grammar in connection with the reading of Norse saga texts or the Edda.

Old Saxon: Dr. Mezger.

Two hours a week through one semester.

Selections from the Heliand will be read in connection with a study of Old Saxon grammar and metrics.

Middle High German: Dr. Mezger.

Two hours a week through one semester.

(Given in 1928-29)

The course includes an historical study of Middle High German grammar and extensive reading of Middle High German poetry and prose.

Comparative Germanic Grammar: Dr. Mezger.

Two hours a week through one semester.

(Given in 1928-29)

This is recommended to those students only who have studied at least two of the early Germanic dialects. It comprises a study of the tendencies dominating the phonological and morphological development of the more important Germanic languages.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

**Advanced
Courses**

German Historical Grammar: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Three hours a week throughout the year.

(Given in 1928-29)

History of German Lyric Poetry from the Minnesingers to the Present Time: Dr. M. Diez.

Three hours a week throughout the year.

(Given in 1929-30)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Three hours a week throughout the year.

(Given in 1930-31)

In addition to these courses, others in Middle and Modern Low German, Frisian, and Early Modern High German may be arranged for students who have previously studied Old Saxon, Anglo-Saxon, or Middle High German as a preparation for the study of these dialects.

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D.

GRADUATE COURSES

Advanced Courses

The work of the department is so arranged that students may specialize in Biblical history and literature or in Hellenistic Greek, and the private reading and original research of such students will be directed. Two hours a week of seminary work are offered in each subject and in some cases graduate students may profitably attend the elective courses.

Seminary in Critical Readings of the Greek New Testament: Dr. Cadbury.

Two hours a week throughout the year.

Philological, historical and exegetical study of selected writings in the Greek Bible and in kindred Hellenistic literature. A knowledge of Greek is required.

Seminary in the Bible: Dr. Cadbury.

Two hours a week throughout the year.

The study in successive years of different major literary and historical problems of the Bible, with the modern discussions of them. A knowledge of the original languages is useful but not indispensable.

1928-29: The *Book of Acts*.

1929-30: Judaism at the time of Christ.

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH, Ph.D.

CHARLES WENDELL DAVID, Ph.D.

DEAN OF THE COLLEGE:

HELEN TAFT MANNING, Ph.D.

INSTRUCTOR:

CAROLINE ROBBINS, Ph.D.

GRADUATE COURSES

Advanced Courses

Seminaries in Mediæval and Modern European history and in American history are offered to graduate students in history in addition to a graduate course in Historical Bibliography and Criticism and the Auxiliary Sciences and the direction of private reading and original research. Students may offer either European History or American History as a major for the degree of Doctor of Philosophy.

Seminary in Mediæval and Modern European History: Dr. Gray.

*Two or three hours a week throughout the year.**(Given in each year)*

1928-29: Topics in the History of England from 1450 to 1600.

Among these will be the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the Sixteenth Century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

1929-30: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the Treaty of Versailles and the problems of post-war Europe.

1930-31: Topics in the History of England from 1250 to 1450.

Among these will be national resistance to papal encroachments, the baronial revolt of 1258, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the role of Italians and Hanseatics in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, and the loss of English possessions on the Continent.

Seminary in American History: Dr. William Roy Smith.

*Two or three hours a week throughout the year.**(Given in each year)*

1928-29: The Revolution, the Confederation, and the Constitution.

American history from 1776 to 1789 will be discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties will be investigated.

1929-30: The Civil War and Reconstruction.

Special stress is laid upon the social, economic, and political reorganization of the South, the North, and the West, and also of the nation as a whole during the period from 1861 to 1877.

1930-31: Slavery and Negro Problem.

After a preliminary survey of the history of slavery in the colonial period such topics as the slavery compromises of the constitution, the growth of slavery in the South, the abolition of the slave trade, the Missouri Compromise, the anti-Slavery movement, nullification, the Mexican War, the Wilmot Proviso, the compromise measures of 1859, the Kansas-Nebraska bill, the Dred Scott decision, the abolition of slavery, and the adoption of the thirteenth, fourteenth and fifteenth amendments will be discussed. Special attention will be paid to the conflict between sectionalism and nationalism and the connection between slavery, territorial expansion, and the development of constitutional theories.

Seminary in the French Revolution: Dr. David.

*Three hours a week throughout the year.**(Given in 1930-31 unless the Seminary in England from 1760 to 1832 is substituted)*

Topics will be selected for study from various periods and phases of the Old Régime and of the Revolution, with a view to illustrating different kinds of historical problems, gaining an acquaintance with the principal printed sources and secondary works, and extending the student's knowledge of the revolutionary movement as a whole. Much attention will be paid to the social and economic aspects of the Revolution.

Or, Seminary in England from 1760 to 1832: Dr. David.

*Three hours a week throughout the year.**(Given in 1930-31 unless the Seminary in the French Revolution is substituted)*

The principal topics studied will be the movement for parliamentary reform, the influence of the French Revolution on English opinion and politics, and the social and economic consequences of the Industrial Revolution.

Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David. *Two hours a week throughout the year.*

Given in 1928-29 (and again in 1931-32)

This graduate course should be elected by all students who are preparing themselves for the degree of Doctor of Philosophy with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palæography, and diplomatics. The course will consist of lectures, assigned reading and problem work, and adjustments are made to meet the needs of individual students.

Historical Journal Club: Dr. Gray, Dr. William Roy Smith, Dr. David, Dean Manning and Dr. Robbins. *Two hours once a fortnight throughout the year.*

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

Economics and Politics

PROFESSORS: MARION PARRIS SMITH, Ph.D.
CHARLES GHEQUIERE FENWICK, Ph.D.
ASSOCIATE PROFESSOR: ROGER HEWES WELLS, Ph.D.
ASSOCIATE IN SOCIAL ECONOMY AND SOCIAL RESEARCH: ELEANOR LANSING DULLES, Ph.D.

GRADUATE COURSES

Graduate Courses

Six to nine hours a week of seminary work and graduate lectures are offered each year to graduate students of economics and politics.

Three seminars, one in economics, two in political science, are offered in addition to the direction of private reading and original research. Advanced undergraduate courses amounting to five hours a week which may be elected by graduate students are given in each year. Students may offer either economics or politics as their major subject for the degree of Doctor of Philosophy.

Seminary in Economics: Dr. Marion Parris Smith.

Two hours a week throughout the year.

The object of the seminary is to train students in the methods of research, and in the organization of material. In short reports and long papers members of the seminary are given practice in using original sources and in a critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction, and graduate studies are specially designed to prepare advanced students for Government Civil Service Examinations in the Department of State, Department of Commerce, and the Department of Labor, as well as for high degrees.

1929-30: Economic Institutions in the United States; Finances and Banking, Agriculture, Manufacture, Commerce, etc.

1930-31: Economic Thought in the Nineteenth Century.

1931-32: The Industrial Revolution in Great Britain and Europe.

Seminary in Politics: Dr. Fenwick. *Three hours a week throughout the year.*

(Given in each year)

The methods of instruction in the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1928-29: International Law.

Following an examination of the classic writers on international law, the chief attention of the seminary will be devoted to a study of the principles and rules of international law which have been the center of controversy between nations of recent years. In particular

the questions now under consideration by various scientific groups as possible subjects of codification will be examined in detail. The work of this course will be greatly facilitated by a preparatory course in Constitutional Law.

1929-30: The Constitutional Law of the United States.

The decisions of the Supreme Court of the United States will form the basis of the work. Special stress will be laid upon the relations between the federal and state governments, interstate commerce, and due process of law under the Fourteenth Amendment. Students will be required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

1930-31: Constitutional Questions involved in Modern Economics and Social Problems.

The chief economic and social problems of the United States will be studied from the point of view of the restrictions placed by the Constitution upon the legislative powers of Congress and of the several states dealing with those subjects. As an introduction the various theories relating to the proper functions of the state will be discussed.

Seminary in Economics or Politics: Dr. Wells.

Two hours a week throughout the year.

1928-29: Municipal Institutions.

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of governmental organization, municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American but also with foreign cities, especially those of England, France, and Germany. Students will be afforded training in research through the preparation and presentation of several reports involving the use of official documents and other source material, and, wherever possible, these reports will be supplemented by practical field work. The seminary may be counted either as Economics or as Politics, depending upon the nature of the reports done by the individual student.

1929-30: The History of Political Thought, or State Government in the United States, or Political Parties and Electoral Problems in the United States, England, France and Germany.

Seminary in Politics: Dr. Wells.

Two hours a week throughout the year.

1928-29: The History of Political Thought.

The purpose of this course is two-fold: first, to familiarize the student with the writings of the principal political thinkers from Plato to the present time; and second, to enable the student to grasp clearly the main problems which political theory is called upon to explain and to solve. The work of the post-major includes lectures, general reading, student reports on particular writers, and general class discussions. The course is open to those who have completed the major course in Economics or two years' work in History.

Economics and Politics Journal Club: Dr. Marion Parris Smith, Dr. Fenwick, Dr. Wells and Dr. Dulles. *Two hours once a fortnight throughout the year.*

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussions, comment, and criticism.

ADVANCED UNDERGRADUATE COUSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.

Three hours a week throughout the year.

(Given in 1928-29)

Municipal Institutions: Dr. Wells.

*Two hours a week throughout the year.**(Given in 1928-29)*

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY, Ph.D.
ASSOCIATE PROFESSOR:	HORNELL HART, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
NON-RESIDENT LECTURERS:	EVA WHITING WHITE, A.B. LILLIAN MOLLER GILBRETH, Ph.D.
SPECIAL LECTURER:	ALICE HAMILTON, Ph.D.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the Autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The departments of Economics and Politics, Psychology, Education, and Philosophy offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Associate Professor of Economics and Politics; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba, Professor of Psychology; Dr. Harry Helson, Associate Professor of Experimental Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Ilse Forest, Associate Professor in Education, and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology*

* Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether five hours' work per week for two years in one of these subjects).

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work, or Community Organization, or Industrial Relations in which she will give seven hours a week during the term time and vacation practica to practice or field work in an institution or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics, and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 43 hours of work per week.

Practice work in each field consists of two types: (1) field work consisting of seven hours each week, one hour of conference each week, and two hours of seminary discussion in alternate weeks; (2) non-resident experience with social institutions, agencies, or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall not be at expense for room and board, during the midwinter practicum, other than that paid to the College from December 10th to 20th, or during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, October 1st to December 10th, during which period at least one day a week is given to field work. (2) A mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research, from December 10th to January 4th in New York, Boston, Philadelphia or elsewhere. (3) January 7th to February 1st, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 5th to June 5th, during which time the student will give one day a week to field practice work, with the exception of the spring vacation. (5) The summer practicum from June 10th to August 3rd, during which time the student will give all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the College, and during the mid-winter and summer practica is under the careful supervision of an instructor of the Department. After one year of work in this department one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state

department of labour and industry, in a federal or state employment office, or in a manufacturing or mechanical establishment in Philadelphia, New York, New England, or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department, or business firm.

**Certificates
and
Degrees**

Students entering the Department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work, or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work, or a seminary in social and industrial research.

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

FREE ELECTIVE COURSES

**Free
Elective
Course**

Elements of Statistics: Dr. Kingsbury. *One hour a week throughout the year.*

(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, averages, graphic methods, measures of variation, theory of sampling, index numbers, theory of probability and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations, and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

Two hours a week throughout the year.

(Given in each year)

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighborhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart.

Three hours a week throughout the year.

(Given in each year)

The status of culture at various prehistoric times, ancient times and modern times, is compared, and the relative rates of culture acquisition in various epochs ascertained. Instances of swift rise and of decline in culture will be studied, an inductive analysis of

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 128 to 132.

inventions will be made, differences in the rates of diffusion—of various sorts of culture elements at given times and of given culture elements at various times and places—will be examined, and the cultures of modern primitive peoples and the pre-Columbian civilisations in America will be studied with a view to determining the conditions under which culture originates, grows, is transmitted and decays. A course in a social science is pre-requisite for this course.

Labour Movements: Dr. Dulles.

Three hours a week throughout the year.

(Given in each year)

For purposes of this course the field of labour economy is divided into six parts: I. *The Approach* deals with the different economic points of view from which the subject may be considered, especially those of the "scientific" and of the "functional" economists. II. *The Rise of the Present Industrial Organization* is developed through a study of the history of certain industries, such as glass making, cloth making, steel manufacture, shoe making, mining, fishing, etc. III. *Labour Organization* includes a study of the American Federation of Labour, its history, structure, methods and motives; of independent organizations such as the Industrial Workers of the World, the Railway Brotherhoods, etc.; of the British labour movement; and of the continental labour movements in brief. IV. *Labour Legislation* includes social insurance, safety and wage legislation. V. *Labour Management* treats of such problems as fluctuations in employment, labour turnover, business cycles, regulation of output; and of such methods as scientific management, personnel work, employee representation, budgeting, and kindred subjects. VI. *Labour and Politics* outlines the political ideas upon which various forms of industrial organization are based; attempts to evaluate existing labour institutions in terms of social function; examines proposed methods of attaining a more satisfactory state of society such as the various "Utopias," Marxian socialism, guild socialism, communism, state control of industry; and considers the future of industrial society.

*Free
Elective
Course*

GRADUATE COURSES

The seminaries and courses described below may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research, or may be offered as the associated or independent minor with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council.

*Graduate
Courses*

(Given in each year)

Seminary in Social and Industrial Research: Dr. Kingsbury.

Three hours a week throughout the year.

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information, and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations, or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations, and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis, and interpretation of data is essential for students undertaking either phase of social research. As other seminaries in the Department and allied departments deal primarily with the first type of studies, this Department is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed, and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results, and interpreting material as a whole. The group of students may coöperate to produce a study which it is hoped will prove a contribution to our knowledge

of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see page 93). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

(Given in 1929-30 and again in 1931-32)

Seminary in Administration of Social Agencies: Dr. Kingsbury.

Two hours a week throughout the year.

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

(Given in 1928-29 and again in 1930-31)

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems, including a review of the outstanding contributions in the subject, and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed, and their application in connection with further research indicated.

Seminary in Social Relationships: Dr. Hart.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

Principles of social relationships will be worked out inductively through the study of actual group life. Applications of these principles will be developed through analysis of relationships within the family, relationships between delinquents and society, and relationships between races. Attention will be given to the problems of adjustment between the purposes of the family, of races, and of native-born and foreign-born peoples. Collections of case studies in these fields will be analyzed and projects involving original research in this and allied fields will be undertaken.

Seminary in Social Origins: Dr. Hart. *Two hours a week throughout the year.*

(Given in 1929-30 and again in 1931-32)

Problems related to the nature of social progress and the methods whereby it can be achieved will be studied by members of the seminary. The course will begin with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York, or Washington. The natural laws of invention and of diffusion of culture will be studied inductively by analyzing the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies will be worked out in specific instances. Various prognoses as to the future of our civilization will be reviewed in relation to the foregoing material, and principles essential to sound social reform will be developed.

Seminary in Research in Sociology: Dr. Hart.

Two hours a week throughout the year.

(Given in each year)

Seminary in Community Organization and Administration: Dr. Hart.

Three hours a week throughout the year.

Laboratory and Field Work.*Seven hours a week throughout the year.**(Given in each year)*

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions, and research and propaganda agencies, forms the subject-matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of their work. Special attention is given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work, and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Kingsbury and the director of the particular agency or department and is so arranged as to give to the student training during the academic year and the midwinter and summer practica (see pages 145 to 146) in some one or more of the following activities:

(1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.

(2) Regular daily management as assistants and later as directors.

(3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts, and lectures, in public speaking and writing, and in conducting financial campaigns and special studies.

(4) Teaching in night schools of classes in civics and elementary subjects, and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.

(5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds, and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association, and work in smaller neighboring communities.

Seminary in Labour Organization: Dr. Dulles.*Two hours a week throughout the year.**(Given in each year)*

The object of the seminary is to discover the function of labour organization in modern industrial society. With this in view, the historical background, philosophy, structure, types, methods, legal status, and trends of American labour organization are considered. Especial attention is directed to a comparison of American and European labour movements, to collective bargaining in specific industries, to the struggle between craft and industrial unionism, and to the future development of unionism in America. Students interview trade union leaders and attend meetings of the Philadelphia Women's Trade Union League, the Central Labour Union, and other meetings or lectures which bear upon the subject.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Dulles.*Two hours a week throughout the year.**(Given in each year)*

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work:* *Three hours a week throughout the year.*

Laboratory and Field Work. *Seven hours a week throughout the year.*

(Given in each year)

This seminary aims toward the preparation of the student to handle the individual case problems arising out of dependency, defect and delinquency. This involves a study of the method of investigation of the individual case, the objectives and methods of treatment, the agencies, both public and private, for giving expert service, special forms of care and assistance and legal custody. Studies are made of the adaptation of fundamental principles of investigation and treatment in particular forms of social maladjustment and physical and mental defect. The student is instructed in the theories of social responsibility with reference to these classes, of preventive measures already in effect, and of opportunities to extend preventive measures.

The Practicum in Social Case Work consists of field work carried on seven hours per week and a midwinter and a summer practicum (see page 151) with such agencies as the following: The Family Society; The Home Service Department of the Red Cross; the Children's Bureau, an agency which investigates all complaints concerning children; The Children's Aid Society, a child-placing agency; The White-Williams Foundation, and Hospital Social Service Departments.

The field work with these agencies is under the supervision of the instructor and the director of the particular agency or department. In addition to the regular practice work, students are taken on observation trips to courts, almshouses, orphanages, asylums, institutions for the feeble-minded, the blind, the crippled, hospitals, etc.

Seminary in Industrial Relations: Dr. Dulles.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

Consideration is given to the historical and economic development of modern industrial organization and to the problems which arise out of it, such as the types of internal organization; selection, training and placement of workers; methods of compensation; industrial hygiene and safety; scientific management; labour turnover; cycles of unemployment; budgeting, insurance and housing schemes. Each student directs particular attention to a single industry, points of difference being developed in the seminary. Field work during residence is accompanied by a two-hour discussion period alternate weeks on the practical problems confronting the student, and by observation visits to industrial establishments in the vicinity.

This seminary must be accompanied by the Seminary in Labour Organization.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania student in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

* This seminary will be conducted by a lecturer to be announced later.

Social Statistics: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in each year)

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions, and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is presupposed. This course is required of all graduate students in the Department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

One-half hour a week throughout the year.

(Given in 1929-30)

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

Social Economy Journal Club: Dr. Kingsbury, Dr. Hart and Dr. Dulles.

Two hours once a fortnight throughout the year.

Current articles are reviewed, recent reports, surveys and investigations are criticised, and the results of important research are presented for discussion.

The following seminaries offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.

Two hours a week throughout the year.

Seminary in Politics: Dr. Fenwick.

Three hours a week throughout the year.

(Given in each year)

Seminary in Economics or Politics: Dr. Wells.

Two hours a week throughout the year.

(Given in each year)

Psychological Seminary: Dr. Leuba.

Two hours a week throughout the year.

(Given in each year)

Seminary in Social Psychology: Dr. Leuba.

Two hours a week during the second semester.

(Given in each year)

Seminary in Advanced Mental Measurements: Dr. Rogers.

Two hours a week throughout the year.

(Given in 1928-29)

Seminary in Child Psychology: Dr. Forest.

Two hours a week throughout the year.

(Given in each year)

Seminary in Clinical Methods in Child Guidance: Dr. Rogers, Dr. Forest and the Assistant Director of the Educational Clinic.

*Three hours a week throughout the year.
(Given in each year)*

Philosophy

PROFESSOR: THEODORE LEO DE LAGUNA, Ph.D.

ASSOCIATE PROFESSOR: GRACE MEAD ANDRUS DE LAGUNA, Ph.D.

GRADUATE COURSES

Graduate Courses

Five hours a week of seminary work and graduate lectures are offered each year to graduate students of philosophy, accompanied by the direction of private reading and original research.

A seminary in the history of philosophy is offered each year and a seminary in ethics and one in logic and metaphysics are offered in alternate years. The subjects of study are changed from year to year through a cycle of four years. Ten hours a week of undergraduate courses are also open to graduate students. Students electing philosophy as their major subject for the degree of Doctor of Philosophy may emphasize either metaphysics or ethics.

Seminary in Ethics: Dr. Theodore de Laguna.

*Two hours a week throughout the year.
(Given in alternate years)*

1929-30: English Evolutionary Ethics, as exemplified in the writings of Darwin, Spencer, Clifford, Stephen, Alexander, and Hobbhouse, and as criticized by Green, Sorley, Huxley, Pringle-Pattison, and Rashdall.

Special attention is given to the problem of determining the nature and limitations of the genetic method as applied in ethical research.

1931-32: The History of Ethics in the Seventeenth and Eighteenth Centuries.

A brief preliminary survey is made of the Greek systems which have most strongly influenced modern theory.

Seminary in Logic and Metaphysics: Dr. Grace de Laguna.

*Two hours a week throughout the year.
(Given in alternate years)*

1928-29: English Empiricism.

Special attention is paid to its connection with Associationism and to the development of the theory of scientific method.

1930-31: Contemporary Realism as represented by Russel, Perry, McGilvary, and Fullerton.

Seminary in the History of Philosophy: Dr. Theodore de Laguna and Dr. Grace de Laguna.

*Two hours a week throughout the year.
(Given in each year)*

1928-29: German Idealism, special reference to the systems of Hegel and Schopenhauer. This seminary is conducted by Dr. T. de Laguna.

1929-30: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes, and in the second semester on Spinoza and Leibniz.

Philosophical Journal Club: Dr. Theodore de Laguna, Dr. Grace de Laguna.

Two hours once a fortnight throughout the year.

The advanced students and the instructors meet to report on and discuss recent reviews and philosophical articles.

Psychology

PROFESSORS: JAMES H. LEUBA, Ph.D.
 AGNES LOW ROGERS, Ph.D.
 ASSOCIATE PROFESSOR: HARRY HELSON, Ph.D.

GRADUATE COURSES

Ten hours a week seminary work and graduate lectures are offered each year to graduate students of psychology, accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. The books needed by the graduate students are collected in the seminary library of the department. No undergraduates are admitted to graduate courses or to the seminary library, but the first and second year courses of the department amounting to ten hours a week may be elected by graduate students. The laboratory of experimental psychology is open to graduate students for research work. Students may offer either Social Psychology or Experimental Psychology as a major subject for the degree of Doctor of Philosophy.

*Graduate
Courses*

Psychological Seminary: Dr. Leuba. *Two hours a week throughout the year.
 (Given in each year)*

As the foundation of the work of the seminary one or two of the following subjects will be chosen each year: the psychology of mental and moral deficiencies with reference to the social problems they present, including case studies and research work in problems of delinquency; social psychology; chapters in abnormal psychology and the Freudian psychology; the fundamental principles of psychology; the psychology of religion and ethics.

Seminary in Social Psychology: Dr. Leuba.
*Two hours a week during the second semester.
 (Given in each year)*

1928-29: Introduction to Social Psychology and Applications to Social Problems.

1929-30: Abnormal Psychology, chiefly Mental and Moral Deficiency, and its Social Implications; or Personality and Character and Their Instinctive and Emotional Foundation.

This half-seminary together with another half-seminary given in the first semester, may be counted as a seminary by students in the Department of Social Economy and Social Research.

Seminary in Experimental and Systematic Psychology: Dr. Helson.
*Three hours a week throughout the year.
 (Given in each year)*

This seminary is intended, primarily, to give a systematic presentation of the literature of experimental psychology. Due consideration, however, will be given to all points of systematic importance. The work is grouped about the following topics: sensation, the simpler sense complexes, perception and ideas, feeling and the affective processes, attention, action, and the intellectual processes (memory, association, imagination, etc.). The course covers three years; but the topics chosen and the time devoted to each vary from year to year according to the needs of the students.

FREE ELECTIVE COURSE

Advanced Experimental Psychology: Dr. Helson.
*Two or more hours a week throughout the year.
 (Given in each year)*

*Free
Elective
Course*

This course is intended for students who wish to be trained in research work. The instructor will co-operate with the students in the solution of some original problems. A reading knowledge of French and German is required.

*Journal
Club*

Psychological Journal Club: Dr. Leuba and Dr. Helson.

One hour a week throughout the year.

The advanced students meet with the instructors once a week to hear or read reports on the literature of the subject and on the work done in the laboratory.

For graduate work in Educational Psychology see below, under "Education."

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR: AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: ILSE FOREST, Ph.D.

INSTRUCTOR: CECILIA IRENE BAECHELE, M.A.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate, and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for these degrees.

Students offering themselves as candidates for these degrees in education must have studied in undergraduate courses or their equivalent, education for twenty semester hours, or education for ten semester hours and psychology for six semester hours and psychology, sociology and statistics or any combination of these subjects for four semester hours.

THE PHEBE ANNA THORNE SCHOOL

The Phebe Anna Thorne School opened in the autumn of 1913 under the direction of the Bryn Mawr College Graduate Department of Education. It is maintained in part by an endowment of one hundred and fifty thousand dollars given by the executors of the estate of the late Phebe Anna Thorne to perpetuate her deep interest in school education and her desire to further research in the best methods of teaching school subjects. In 1922 the Phebe Anna Thorne School Association was organized and since then the school has been operated on a new financial basis. The Phebe Anna Thorne School is an integral part of the Graduate Department of Education and affords its students an opportunity to follow the work of the expert teachers of the model school and discuss in seminars conducted by the professors of education the various problems of teaching and administration as they arise from day to day. Pupils are admitted to the primary department at five years of age and to the elementary course at nine or ten years of age and will be fitted to enter Bryn Mawr and other colleges on the completion of a seven or eight years' school course. Candidates for the Teacher's Certificate or for higher degrees will be given an opportunity of attending systematic observation classes in the Phebe Anna Thorne

School; supervised observation and practice teaching in one of the public school systems in the neighbourhood will also be arranged for them. It is believed that the opportunity of studying the newest approved methods of secondary teaching will enable teachers who have studied in the Graduate Department of Education to teach more efficiently and to command materially higher salaries.

A limited number of Apprentice Teachers are taken in the Phebe Anna Thorne School, who give one-third of their time to the School. The remaining two-thirds of their time are given to graduate work in Bryn Mawr College. This work is directly related to the school work. One-third must be in methods of teaching in their field. The rest may be Educational Psychology, Child Psychology or in the subjects to be taught.

GRADUATE COURSES

Graduate Courses

Six hours a week of seminary work are offered in each year to graduate students of education. In addition there are offered observation classes in the Phebe Anna Thorne School and other schools. The Department of Education also conducts an Educational Clinic in which examinations are made and advice given in regard to cases of retardation in special school subjects, general retardation, or any other maladjustment to school environment. Students electing education as their major subject for the degree of Doctor of Philosophy may elect educational psychology, educational methodology, economics, social economy, social history, social psychology, or experimental and systematic psychology, as the associated minor. The list of approved independent minors will be found in the Regulations of the Academic Council.

Seminary in Advanced Mental Measurements: Dr. Rogers.

Two hours a week throughout the year.

(Given in 1928-29)

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement and to training in research in applied psychology.

Seminary in Advanced Educational Psychology: Dr. Rogers.

Two hours a week throughout the year.

(Given in 1929-30)

The main problems of educational psychology, and especially the psychology of school and high school subjects are studied from a theoretical and experimental point of view.

Seminary in Social Education: Dr. Forest.

Two hours a week during the first semester.

(Not given in 1928-29)

Seminary in Theory of Education: Dr. Forest and Miss Baechle.

Two hours a week throughout the year.

(Given in each year)

This seminary is organized to give students experience in recognizing and solving in actual practice some of the problems inherent in teaching their major subject to high school and elementary school pupils. The work will include a study of child development and behavior in direct relation to problems of curriculum making and class room method. The seminary is planned with special reference to the needs of students taking their first year of graduate study in education.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers, Dr. Forest and the Assistant Director of the Educational Clinic.

Three hours a week throughout the year.

This seminary gives training in the diagnosis of educational difficulties at all levels and of behavior difficulties of the nursery and elementary school child, also practical experience in giving remedial treatment as well as a critical study of the diagnosis and remedial methods now in use. The seminary is especially recommended to students preparing for work in child guidance clinics, for child welfare work and as visiting teachers.

Seminary in Child Psychology: Dr. Forest.

Two hours a week throughout the year.

(Given in alternate years)

This course offers graduate students the opportunity for the intensive study of the characteristic mental and emotional traits of growing children. Personality studies will be made at various age levels, and members of the class will be given some practical experience in remedial work with normal children who present behavior difficulties.

Seminary in Principles of Education: Dr. Forest.

Two hours a week throughout the year.

(Given in alternate years)

This seminary will be devoted to the study of modern educational theory, and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method, and school administration directly in line with the interests of individual students will be discussed in the seminary, and will in so far as possible determine the content of the theoretical readings in the philosophy of education.

Journal Club in Education: Dr. Rogers, Dr. Forest and Miss Baechle.

Two hours once a fortnight throughout the year.

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism.

Classical Archæology

PROFESSOR:	RHYS CARPENTER,* Ph.D.
ASSOCIATE PROFESSOR:	MARY HAMILTON SWINDLER, Ph.D.
LECTURER:	PRENTICE DUELL, M.Arch.

Two archæological seminaries of two hours a week each and a graduate lecture course of one hour a week throughout the year are offered to graduate students who have done elementary archæological work, and also a journal club meeting one and a half hours a fortnight. In addition individual students will be directed in special work by means of private conferences.

GRADUATE COURSES

Graduate Courses

Two seminaries in archæology, a graduate course, and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable*, and familiarity with both Greek and Latin, though not required, is of the utmost value for graduate work in archæology.

* Granted leave of absence for the years 1927-29 to fill the post of Director of the School for Classical Studies in Athens.

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman Coins, facsimiles of gems and seals, and a collection of original vase fragments many of which are by Roman masters.

Students electing classical archæology as a major subject for the degree of Doctor of Philosophy must have taken the major undergraduate course in Greek and the first year undergraduate course in Latin or courses equivalent to these.

Archæological Seminary: Dr. Carpenter.† *Two hours a week throughout the year.*
(Given in each year)

This seminary is open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

1928-29: Hellenistic and Graeco-Roman Architecture.

1929-30: Fifth Century Greek Sculpture.

1930-31: Greek Minor Arts (Coins, Gems, Terra-cotta).

Greek Epigraphy: Dr. Carpenter.† *One hour a week throughout the year.*
(Given in each year)

In the first semester the origin of the Greek alphabet and the epichoric forms are studied. Roehl's *Imagines* and Part I of Robert's *Introduction to Greek Epigraphy* are used as textbooks. In the second semester a variety of inscriptions of artistic and topographic interest are read. The emphasis is archæological rather than linguistic or politico-historical.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1928-29: Greek Sculpture with Particular Emphasis on the Archaic period.

The course will include the study of some Fifth Century material.

1929-30: Ægean Archæology with Emphasis on the Recent Discoveries in Crete and Mycenæ.

1930-31: Ancient Painting, including a Detailed Survey of Cretan Frescoes, Painted Plaques, Stelæ, and Sarcophagi, Greek Vases, Paintings found in Etruscan Tombs, Pompeian Wall Decoration, and the Mummy Portraits from the Fayum.

Archæological Journal Club: Dr. Carpenter,* Dr. Swindler and Mr. Duell. *One and a half hours a fortnight throughout the year.*

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

History of Art

PROFESSOR: GEORGIANA GODDARD KING, M.A.

ASSOCIATE PROFESSOR: ERNST DIEZ, Ph.D.

GRADUATE COURSES

Four hours a week of seminary work are offered each year to graduate students of history of art accompanied by the direction of private reading and original research, and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminaries announced, other courses will be

*Graduate
Courses*

* Granted leave of absence for the year 1927-29 to fill the post of Director of the School for Classical Studies in Athens.

† This seminary will be conducted in 1928-29 by Mr. Duell.

provided as need for them arises, and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to ten hours a week may be elected by graduate students.

Seminary in History of Art: Miss King. *Two hours a week throughout the year.*

(Given in each year)

1928-29: Romanesque Origins.

The theories of Dieulafoy, Rivoira and Strzygowski will be examined and appraised, and special regions particularly studied, while the students give close attention to individual monuments. This course may be varied from year to year so as to permit a student's following it for more than one year, if desirable.

Either in 1929-30 or in the following year the subject will be Renaissance Sculpture and the students will be expected to study the various aspects of the art in the different countries of Europe, as well as the development of particular sculptors.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature, and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain æsthetic problems will be considered in successive years.

Seminary in History of Art: Dr. E. Diez.

Two hours a week throughout the year.

(Given in each year)

1928-29: Oriental Art.

Different problems of Mohammedan, Indian, and Far Eastern Art will be treated. Emphasis will be placed upon discussion of the relations between Western and Eastern Asiatic art.

1929-30: Mediæval German Art.

1930-31: The Origin of Baroque Art in Italy and Other Countries.

The transition from Renaissance to Baroque in architecture as well as in sculpture and painting will be studied. Emphasis will be placed upon reading and commenting on the literature of the Baroque period.

Journal Club in the History of Art: Miss King and Dr. E. Diez.

Two hours once a fortnight throughout the year.

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archæology and the History of Art and for discussion of current exhibitions.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

Renaissance Sculpture: Miss King. *Three hours a week throughout the year.*

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

Spanish Architecture: Miss King. *Three hours a week throughout the year.*

(Given in 1928-29 and again in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic Churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Spanish Primitives: Miss King.*Three hours a week throughout the year.**(Given in 1929-30)*

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Oriental Art: Dr. E. Diez.*Two hours a week throughout the year.**(Given in 1929-30)*

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the æsthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez.*Two hours a week throughout the year.**(Given in 1928-29 and also 1930-31)*

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the seventeenth and eighteenth centuries.

Music

PROFESSOR: HORACE ALWYNE, F.R.M.C.M.

GRADUATE COURSES

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

*Graduate
Courses*

Canon and Fugue: Mr. Alwyne.*Two hours a week throughout the year.**(Given in each year)*

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne.*Two hours a week throughout the year.**(Given in each year)*

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tone—quality, range, technique, etc.—with the grouping of the instruments—strings, woodwind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.*Two hours a week throughout the year.**(Given in each year)*

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

Mathematics**ASSOCIATE PROFESSOR: DAVID VERNON WIDDER, Ph.D.****NON-RESIDENT LECTURER: ANNA PELL-WHEELER, Ph.D.****INSTRUCTOR: MARGUERITE LEHR, Ph.D.****GRADUATE COURSES****Graduate Courses**

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by the direction of private reading and original research. The subjects vary from year to year so that the seminaries may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students. Students who elect mathematics as a major subject for the degree of Doctor of Philosophy are required to elect mathematics also as an associated minor.

Theory of Functions of a Complex Variable: Dr. Widder.*Two hours a week throughout the year.*

This course includes the Cauchy and Weierstrass developments. Doubly periodic functions and analytic extension are two topics which are discussed.

*(Given in 1928-29)***Theory of Linear Integral Equations: Dr. Pell-Wheeler.***Two hours a week throughout the first semester.*

The classical theories of Volterra, Hilbert and Schmidt form the major part of the course.

Theory of Linear Equations in Infinitely Many Variables: Dr. Pell-Wheeler.*Two hours a week throughout the second semester.***Partial Differential Equations of Mathematical Physics: Dr. Widder.***Two hours a week throughout the year.*

Geometry on a Curve: Dr. Lehr.

Two hours a week throughout the year.

Considerations of linear systems of plane curves and of rational and birational transformations lead to the theory of linear systems of groups of points on an algebraic curve, and the characterization of curves by such systems, as obtained by Bertini, Castelnuovo, and Severi.

Differential Geometry: Dr. Lehr.

Two hours a week throughout the year.

Algebraic Theory of Numbers.*

Two hours a week throughout the year.

A study of congruences, quadratic reciprocity law and the representation of numbers by forms. A detailed study of the factorization theorem for several fields leading to the Introduction of Ideals.

Theory of Algebras.*

Two hours a week throughout the year.

A study of fields, linear sets, the structure of algebras and the arithmetic of an algebra.

Mathematical Journal Club: Dr. Widder, Dr. Pell-Wheeler and Dr. Lehr.

One hour a fortnight throughout the year.

The journal club holds fortnightly meetings at which reports on special topics or memoirs are presented by the instructors and the graduate students.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

The advanced courses chosen from any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder.

Three hours a week throughout the year.

Interpolation and Approximation: Dr. Widder.

Three hours a week during the first semester.

Vector Analysis and Applications: Dr. Widder.

Three hours a week during the second semester.

Plane Cubic Curves: Dr. Lehr.

Three hours a week throughout the year.

Modern Geometry: Dr. Lehr.

Three hours a week throughout the year.

Projective Geometry: Dr. Lehr.

Three hours a week throughout the year.

Algebraic Theory of Numbers.*

Two hours a week throughout the year.

Applications of Calculus.*

Two hours a week throughout the year.

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.

JAMES BARNES, Ph.D.

GRADUATE COURSES

The graduate seminars consist of lectures, laboratory work, and original research under the direction of the instructors, the subjects varying from year to year so that the seminars may be pursued by students through consecutive years. A good working library containing the current and bound numbers of all the important physical journals is kept in the laboratory. Students electing physics as their major subject for the

*Advanced
Courses*

*Graduate
Courses*

* This course will be given by an instructor to be appointed later.

degree of Doctor of Philosophy may elect it also as the associated minor, provided either mathematics or applied mathematics is taken as the independent minor; or mathematics or applied mathematics may be taken as the associated minor.

Seminary in Physics: Dr. Huff.

Three hours a week throughout the year.

(Given in alternate years)

1928-29: Radio-activity and Discharge of Electricity Through Gases. *First Semester.*
Electron Theory. *Second Semester.*

The earlier lectures treat of the effects of fields on the path of a moving charged particle. A discussion of typical experimental methods of measuring velocity and the ratio of charge to the mass follows. After a study of the phenomena of electrical discharge and of radio-activity a brief account of theories is given.

In the Electron Theory the mathematical development of the subject is first dealt with and this is followed by experimental tests of theory.

Seminary in Physics: Dr. Barnes.

Three hours a week throughout the year.

(Given in alternate years)

1929-30: Radiation.

The modern developments of radiation from cosmic to infra-red will be considered.

1930-31: A General Mathematical Discussion of Physical Optics.

Students will be expected to give detailed reports on the methods and results of investigations which illustrate the theory. When it seems desirable two and a half hours of experimental work will be substituted for one hour of the seminary.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

Electricity and Magnetism: Dr. Huff.

Three hours a week throughout the year.

(Given in 1929-30)

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff.

Three hours a week during the first semester.

(Given in 1930-31)

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff.*Three hours a week during the second semester.**(Given in 1930-31)*

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes.*Three hours a week throughout the year.**(Given in 1928-29)*

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes.*Three hours a week during the first semester.**(Given in 1930-31)*

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes.*Three hours a week during the second semester.**(Given in 1930-31)*

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, * Ph.D.
ASSOCIATE PROFESSOR:	LOUIS FREDERICK FIESER, Ph.D.
LECTURER:	BEVERIDGE JAMES MAIR, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

GRADUATE COURSES

The graduate courses in chemistry consist of lectures upon inorganic, organic, and physical chemistry, seminars, reports upon current chemical literature, and laboratory work. A reading knowledge of French and German is indispensable.

Graduate Courses

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw, or in organic chemistry under the direction of Dr. Fieser.

* Granted leave of absence for the year 1928-29. The seminars announced by Professor Crenshaw will be given by Dr. Mair.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.**Two hours a week throughout the year.**(Given in each year)*

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw.**One hour a week throughout the year.**(Given in each year)*

The work of the seminary consists of lectures, required reading, and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Fieser.*One hour a week throughout the year.**(Given in each year)*

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which the student is engaged.

Graduate Organic Chemistry: Dr. Fieser. *One hour a week throughout the year.**(Given in each year)*

Lectures, reading, and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

Chemical Journal Club: Dr. Crenshaw,* Dr. Fieser, Dr. Mair and Miss Lanman.*One hour a week throughout the year.*

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

ADVANCED UNDERGRADUATE COURSES**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Physical Chemistry: Dr. Crenshaw.**Two hours a week throughout the year.**(Given in each year)*

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

* Granted leave of absence for the year 1928-29. The seminars and courses announced by Professor Crenshaw will be given by Dr. Mair.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser.

Two hours a week throughout the year.

(Given in each year)

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketene, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman.

One hour a week throughout the year.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Geology

ASSOCIATE: CHARLES SPARLING EVANS, Ph.D.

ASSOCIATE: MARLAND PRATT BILLINGS, Ph.D.

GRADUATE COURSES

The seminaries in petrology and crystallography should be preceded by the major and advanced undergraduate courses or their equivalents and are intended primarily for graduate students wishing to make inorganic geology a major subject for the degree of Doctor of Philosophy. The seminary in crystallography is also intended to meet the needs of graduate students in chemistry who wish to make crystallography a minor subject for the degree of Doctor of Philosophy. The seminary in invertebrate palaeontology is designed primarily for graduate students wishing to make organic geology a major subject for the degree of Doctor of Philosophy. Further seminaries in petrology and palaeontology will be arranged to suit the requirements of candidates for the degree of Doctor of Philosophy and research problems will be assigned.

Students may specialize either in petrology and crystallography, under the direction of Dr. Billings, or in stratigraphic geology and palaeontology, under the direction of Dr. Evans, but students who make inorganic geology the major subject of examination must take either organic geology, economic geology or inorganic chemistry as the associated minor and students who elect organic geology as the major subject, must take either inorganic geology or biology as the associated minor.

*Graduate
Course*

Seminary in Petrology or Crystallography or Metamorphic Geology:
Dr. Billings.

Three hours a week throughout the year.

(Given in each year)

The seminary is conducted by means of lectures, informal discussions, required reading, laboratory work, and formal reports. The selection of subjects in petrology is dependent upon the needs of the individual students and is varied from year to year. In crystallography direction is given in crystal measurement with the two-circle goniometer, in crystal projection, and crystal drawing. When metamorphic geology is the subject of the seminary the products and processes of anamorphism and katamorphism are investigated and classified.

Seminary in Invertebrate Palæontology or Economic Geology: Dr. Evans.

Three hours a week throughout the year.

(Given in each year)

Invertebrate Palæontology.

The course is intended as an introduction to research work in palæontology. Practice is given in preparation of material and in identification. Several biologic groups are traced through their geologic range.

Economic Geology.

The occurrence and origin of metallic and non-metallic mineral deposits. Practice is given in interpretation of textures and structures of polished ore specimens.

Geological Journal Club: Dr. Evans and Dr. Billings.

Two hours once a fortnight throughout the year.

The graduate students and the instructors meet for the presentation and discussion of recent geological literature.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Petrography: Dr. Billings.

Three hours a week throughout the year.

(Given in each year)

During the first semester the lectures deal with the principles of optical crystallography, the optical means of mineral determination, and the petrographic characters of rock-forming minerals. In the second semester the textures, constitution, origin, geographic distribution, and geologic associations of igneous rocks are treated. Practice is given in the quantitative system of classification. Special field problems may be given to the students of independent solution.

Determinative Mineralogy: Dr. Billings. *Two hours a week throughout the year.*

(Given in each year)

In this course lectures and laboratory practice deal with the determination of minerals by means of physical tests and by blow-pipe analysis. Special emphasis is placed on crystal form and practice is given in the use of the two-circle contact goniometer.

Stratigraphy and Palæontology: Dr. Evans.

Three hours a week throughout the year.

(Given in each year)

The work of the first semester consists largely of lectures and assigned reading, and is devoted to a thorough study of the principles of sedimentation. This is followed by a consideration of the laws governing the distribution of organisms in time and space.

In the second semester the lectures deal with the evolution of the continents and seas as shown by the record of the sedimentary rocks and their fossils. The successive formations

of North America are studied in order, and ancient physiographic conditions deduced as accurately as possible. Particular attention is paid to the evolution of life through the different geological periods and the changes of environment controlling it. In the laboratory the typical fossils of each formation are studied, and the student is required to learn the guide fossils of the more important geological horizons.

Advanced Physiography: Dr. Evans. *Two hours a week throughout the year.*
The course deals with the form and development of selected areas.

Biology

PROFESSOR: DAVID HILT TENNENT, Ph.D.
ASSOCIATE PROFESSOR: FRANZ SCHRADER, Ph.D.
LECTURER: DOROTHEA EGLESTON SMITH, Ph.D.

GRADUATE COURSES

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department amounting to nine hours a week may be elected by graduate students. The advanced courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent and Dr. F. Schrader or in physiology or biochemistry under the guidance of Dr. Smith.

Graduate Courses

Seminary in Zoölogy: Dr. Tennent. *Three hours a week throughout the year*
(Given in each year)

1928-29 and 1930-31: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

1929-30: Embryology of Invertebrates.

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation, and a discussion of the bearing of these questions on evolution and inheritance.

Seminary in Heredity and Sex: Dr. F. Schrader. *Three hours a week throughout the year.*
(Given in 1928-29 and again in 1930-31)

The work includes a discussion of biometrical methods: of Mendelism; of cases not interpreted on a Mendelian basis; of the application of genetics to animal and plant breeding; of the determination of sex.

Seminary in Biochemistry: Dr. Smith. *Three hours a week throughout the year.*
(Given in each year)

This course consists of supervised reading on selected topics, and pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite.

Biological Journal Club: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

One hour a week throughout the year.

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

Laboratory Work: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.

One hour a week throughout the year.

(Given in 1928-29 and again in 1930-31)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

Embryology of Vertebrates: Dr. Tennent.

One hour a week throughout the year.

(Given in 1929-30)

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of *Amphioxus*, *Ascidian*, *Amia*, *Lepidosteus*, *Squalus*, *Ctenolabrus*, *Necturus*, *Rana*, *Chrysemys*, *Chick*, and *Pig*. At least four hours of laboratory work are required.

The course is divided as follows: first semester, Early stages of Development; second semester, Organogeny.

Biology of Bacteria and Protozoa: Dr. F. Schrader.

One hour a week throughout the year.

(Given in 1929-30)

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

1st Semester.

Biochemistry: Dr. Smith.

Three hours a week.

Laboratory Work: Dr. Smith.

Six hours a week.

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed, the Major Course in chemistry will be admitted.

2nd Semester.

Physiology: Dr. Smith.

Three hours a week.

Laboratory Work: Dr. Smith.

Six hours a week.

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1928-29 students who have completed the first semester's work in the Major Course in biology and can meet the pre-requisite in chemistry, may enter this course.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the course offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

FREE ELECTIVE COURSE

Theoretical Biology: Dr. Tennent.

*One hour a week throughout the year.**(Given in each year)**Free
Elective
Course*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

Fellowships and Graduate Scholarships

Date of Application for Fellowships and Scholarships

Application for resident fellowships or scholarships should be made as early as possible to the President of the College, and must be made not later than the first of February preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

European Traveling Fellowships

Bryn Mawr European Fellowship

The *Bryn Mawr European Fellowship* of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

Mary Elizabeth Garrett European Fellowship

The *Mary Elizabeth Garrett European Fellowship** of the value of \$1,000 was founded by Miss Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student still in residence who has completed at least three semesters† of graduate studies at Bryn Mawr College. The fellowship is to be applied towards the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

Since this fellowship is awarded to assist candidates for the Doctor's degree at Bryn Mawr College to complete their preparation, it is understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

Anna Ottendorfer Memorial Research Fellowship

The *Anna Ottendorfer Memorial Research Fellowship* in German and Teutonic Philology of the value of \$1,200 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some

*By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

† In the case of half-time students, two semesters count as one.

German university and is offered annually to a graduate student who has completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

The Fanny Bullock Workman Fellowship of the value of \$1,500, to be held during a year of study or research abroad, is offered annually to a graduate student studying at Bryn Mawr College. The holder of the fellowship must be a student of proved ability who is working for the degree of Doctor of Philosophy and who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

*Fanny
Bullock
Workman
Fellowship*

Resident or Traveling Fellowship

The Helene and Cecil Rubel Foundation Fellowship of the value of \$1,500 was founded in 1920 by Miss Helene Rubel of New York City, to be awarded in each year by the Faculty of Bryn Mawr College with the approval of the donor. The fellowship may be awarded to any woman who has at any time studied in the graduate school of Bryn Mawr College long enough to have shown her ability irrespective of whether her work is planned to lead to a degree or not, and may be used by the holder, with the approval of the Faculty, in whatever way may best advance the purpose she has in mind. The fellowship may be held at any centre of education that may be selected by the student and approved by the Faculty as best suited to her individual needs, or may, in special cases, be used as a traveling fellowship to give opportunity for the study of conditions in which the student may be interested in different parts of the world. The fellowship shall be awarded to the best student but if she can afford to carry out her plans with her own income she shall return the amount of the fellowship to the college to be used by another student in the same year.

*Helene and
Cecil Rubel
Foundation
Fellowship*

Resident Fellowships

The Helen Schaeffer Huff Memorial Research Fellowship founded in 1913, of the value of \$1,200, is offered annually to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

*Helen
Schaeffer
Huff
Memorial
Research
Fellowship*

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics. The fellowship may under exceptional circumstances be awarded in con-

secutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

**Department
Fellowships**

Twenty-three resident fellowships, of the value of \$810 each, are offered annually in Greek, Latin, English, French, Spanish or Italian, German, Biblical Literature, History, Philosophy, Psychology, Education, Archaeology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology, the Justus C. Strawbridge Fellowship in Economics and Politics, two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research, and two Grace H. Dodge Memorial Fellowships in Industrial Relations and Personnel Administration. They are open for competition to graduates of any college of good standing and will be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

**Inter-
collegiate
Community
Service
Association
Joint
Fellowship**

An Intercollegiate Community Service Association Joint Fellowship† was established in 1915 and is offered annually by the Intercollegiate Community Service Association and by the Bryn Mawr Alumnae Association to a Bryn Mawr College graduate or to a candidate who has successfully pursued one year's work in the Carola Woerishoffer Graduate Department who wishes to prepare herself for social work. The value of the fellowship is \$800, \$200 of which is given by the college to meet the tuition fee. The holder of the fellowship may live in the College Settlement in Philadelphia in which case the student must give her entire time to the work of the Department of Social Economy, the practicum, carried on in the Settlement under the direction of the Head Worker and of the Director of the Department, occupying one-third of her time. The charge for board and lodging in the Settlement will not exceed \$7 a week. Applications may be made to the Chairman of the I. C. S. A. Committee on Fellowships, 84 First Street, New York City.

**Duties of
Resident
Fellows**

Fellows are expected to attend all college functions, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the halls of residence and in the seminaries; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to conform to the Self-Government regulations. They are required to reside in the college and are assigned rooms by the Secretary and Regis-

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

† The term fellowship is used here because adopted by the Intercollegiate Community Service Association. The condition of one year's graduate study required of candidates for Bryn Mawr College resident fellowships does not apply.

trar of the College. They are charged the usual fee of seven hundred and thirteen dollars and fifty cents for tuition, board, room-rent, and infirmary fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Resident Graduate Scholarships

Twenty Graduate Scholarships, of the value of \$350 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing. Scholars may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the President.

Resident Scholarships

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$350 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

Robert G. Valentine Memorial Scholarship

Two Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations of the value of \$350 each, are offered annually and are open for competition to graduates of any college of good standing.

Grace H. Dodge Scholarships

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the Settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

A Scholarship in Music, available for graduate or undergraduate students in need of financial aid is offered each year by the "Music Fund" of Boston, Massachusetts, to students training themselves to become teachers of music in public or private schools or colleges. The value of the scholarship is \$350 to \$500 and it is awarded on the recommendation of Mr. Thomas Whitney Surette, Chairman of the Music Fund, and Mr. Horace Alwyne, Director of the Department of Music. Undergraduates must satisfy the requirements in ear training and pianoforte playing; graduates must be qualified in sight-singing, musical dictation, pianoforte playing and sight reading, harmony, history and appreciation of music (a two-year course).

Scholarship in Music

Graduate Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

Susan B. Anthony Memorial Prize

From 1910 to 1928 the Memorial of Susan B. Anthony has been a graduate scholarship in social economy or politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study

on some phase of the woman question. As in the past eighteen years very few such studies have been published, the form of the memorial has been changed to a prize with the consent of the surviving donor, Miss Lucy E. Anthony.

Beginning in June, 1930, it will be awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future.

The award will be made by the President of the College, acting as chairman, and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written, and two from allied or associated departments.

*Scholarships for Foreign Women**

Five graduate scholarships, of the value of one thousand dollars each, are offered annually to women students outside the United States and Canada. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing, that is, a three or four years' university course.† It is *essential* that applicants should be able to speak and understand English. Application for these scholarships should be made before April first. Renewal of the scholarships for a second year will not be granted except in very exceptional cases. Holders of the scholarships are required to be in continuous residence at the college and to follow regular approved courses of study.

The cost of board, residence and tuition for the academic year is \$715, and an additional charge of \$15 a week is made for students who remain at the college during the three weeks of the Christmas and Easter vacations. The value of the scholarship, \$1000, therefore covers more than the fixed college expenses, and the remainder may be applied toward the other expenses which must be met by the student, i. e., traveling expenses to and from Europe, books, laundry, and all incidental personal expenses.

Duties of Resident Scholars

Duties of Resident Scholars

Scholars are expected to reside in the college, to attend all college functions, to wear academic dress and to assist in the conduct of examinations. They may undertake, while holding a scholarship, only a very limited amount of teaching or other paid work, approved in advance by the President. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates, and by letters of recommendation from professors, and should be addressed to the office of the President, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A. In the case of French and German students they may be addressed to the Institute of International Education, 2 West 45th Street, New York City.

† For British women the degree of Bachelor of Arts, for French women the *Licence*, for Norwegian and Swedish women the *Cand. Philol.*, or their equivalents are desired.

Students' Loan Fund

The Students' Loan Fund was founded by the Class of 1890 for the use of able students whether or not they hold scholarships who need to borrow money in order to continue their college course, and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnæ Scholarships and Fund Committee.

LIST OF DISSERTATIONS

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DOCTOR OF PHILOSOPHY FROM BRYN MAWR COLLEGE

-
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* Mrs. Leicester Bodine Holland.

§ Mrs. R. H. Carpenter

† Mrs. Edwin Miller Brooks.

‡ Mrs. Adolph Knopf.

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* Mrs. Francis Greenleaf Allinson.

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* Mrs. Harold Rafsky.

† Mrs. John Conley Parrish.

† Mrs. Joseph M. Dohan.

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|| Mrs. Adolph Knopf.

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- BRYANT, REBECCA SWIFT.....*Major, Chemistry, 1925-28.*
Torrington, Conn. Prepared by the High School, Torrington, and by the Walnut Hill School, Natick, Mass.
- BUEL, VICTORIA TORRILHON.....*Major, French, 1925-28.*
New York City. Prepared by Miss Chandor's School, New York City. Alumnae Regional Scholar, 1925-26.
- BUNN, MARY JAMESON.....1927-28.
Rocky Mount, N. C. Prepared by the Misses Kirk's School, Bryn Mawr.
- BURDICK, VIRGINIA.....1927-28.
Hartford, Conn. Prepared by the High School, Hartford., Alumnae Regional Scholar, 1927-28.
- BURGESS, MARGARET LEE.....1926-28.
New York City. Prepared by St. Timothy's School, Catonsville, Md.
- BURR, PAMELA.....*Major, English, 1924-28.*
Philadelphia. Prepared by Miss Hill's School, Philadelphia, and by private tuition. Maria Hopper Sophomore Scholar, 1925-26; and Book Shop Scholar, 1927-28.
- BURROWS, ANGELYN LOUISE.....1927-28.
Westhampton Beach, L. I. Prepared by the Shipley School, Bryn Mawr. Alumnae Regional Scholar, 1927-28.
- BUTLER, ALICE ELEANOR.....1927-28, *Sem. I.*
Sea Bright, N. J. Prepared by Miss Spence's School, New York.
- CAPARN, RHYS.....1927-28.
New York City. Prepared by the Brearley School, New York City. Matriculation Scholar for New York, New Jersey and Delaware, 1927-28.
- CARAFIOL, SYLVIA.....1926-28.
St. Louis, Mo. Prepared by the Mary Institute, St. Louis.

- CHANNING, BARBARA.....*Major, English*, 1925-28.
Sherborn, Mass. Prepared by the Winsor School, Boston, Mass. Bryn Mawr Matriculation Scholar for the New England States, 1924.
- CHESTNUT, ELIZABETH MAXWELL CARROLL,
Major, History and Economics and Politics, 1924-28.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore.
- CHISOLM, FRANCES BOARDMAN.....*Major, Psychology*, 1925-28.
New York City. Prepared by the Brearley School, New York City.
- COHOE, ELEANOR RUBIDGE.. *Group, Mathematics and Chemistry*, 1924-28.
New York City. Prepared by Miss Spence's School, New York City.
- COLE, ANNE MORRIS.....1927-28.
Philadelphia. Prepared by the Girls' High School, Philadelphia. Trustees' Scholar, 1927-28.
- COLE, MARY CONSTANCE.....*Major, Mathematics*, 1926-28.
Niagara Falls, N. Y. Prepared by the Misses Kirk's School, Bryn Mawr.
- COLLINS, KATHARINE HILL.....*Major, Psychology*, 1925-28.
Bryn Mawr, Pa. Prepared by the Shipley School, Bryn Mawr, and by the Ethel Walker School, Simsbury, Conn.
- CONE, KATHLEEN.....1927-28.
Colonía, N. J. Prepared by The Masters School, Dobbs Ferry, N. Y., and the Misses Kirk's School, Bryn Mawr.
- CONEY, ALICE BARBARA.....*Major, German*, 1926-28.
Princeton, N. J. Prepared by the Baldwin School, Bryn Mawr, Pa.
- COOK, ELIZABETH LAWSON.....1927-28.
Towson, Md. Prepared by the Roland Park Country Day School, Baltimore, Md. Matriculation Scholar for Pennsylvania and the Southern States, 1927-28.
- COOK, ENID APPO.....1927-28.
Washington, D. C. Prepared by the Dunbar High School, Washington, and by Howard University.
- COOK, JOSEPHINE.....*Major, Latin*, 1925-28.
Merion, Pa. Prepared by the Lower Merion High School and by private tuition. Lower Merion High School Scholar, 1925-28.
- COOK, MARGARET MARY.....*Major, Latin*, 1926-28.
Reading, Pa. Prepared by the High School, Reading, and by private tuition.
- COOKMAN, FRANCES EVELYN.....*Major, Latin*, 1924-28.
Englewood, N. J. Prepared by the High School, Englewood, and by the Shipley School, Bryn Mawr. Alumnae Regional Scholar, 1924-28.
- CORBITT, ROBERTA.....1926-28.
Suffolk, Va. Prepared by Miss Madeira's School, Washington, D. C.
- CROSS, MARGARET CAMERON.....*Major, English*, 1924-28.
Lansdowne, Pa. Prepared by the High School, Lansdowne.
- COWING, MARIE ANTOINETTE.....1927-28.
Ridgewood, N. J. Prepared by the Hamilton Institute for Girls, New York City, and the Misses Kirk's School, Bryn Mawr.
- CROSBY, CAROLINE.....*Major, History of Art*, 1924-28.
Minneapolis, Minn. Prepared by the Northrop Collegiate School, Minneapolis.
- CROSS, DOROTHEA.....1926-28.
Fitchburg, Mass. Prepared by the High School, Groton, Mass., and by the High School, Fitchburg. Alumnae Regional Scholar, 1926-28; Maria Hopper Sophomore Scholar, 1927-28.
- CROSS, ROSAMOND.....*Major, History*, 1925-28.
Fitchburg, Mass. Prepared by the High School, Groton, Mass., and by the High School, Fitchburg. Alumnae Regional Scholar, 1925-28; Mary E. Stevens Junior Scholar, 1927-28.
- CURDY, HELEN.....1927-28.
Kansas City, Mo. Prepared by the French Institute of Notre Dame de Sion, Kansas City. Matriculation Scholar for the Western States, 1927-28.

- DANA, MARY FLORINE.....*Major, History*, 1924-28.
New York City. Prepared by Miss Spence's School, New York City.
- DARLINGTON, CELIA GAUSE.....1927-28.
Brookline, Mass. Prepared by the Brimmer School, Boston, Mass. Alumnae Regional Scholar, 1927-28.
- DAVIS, LOIS ELIZABETH.....*Major, Mathematics*, 1926-28.
Princeton, N. J. Prepared by Miss Fine's School, Princeton.
- DEAN, CATHERINE ELIZABETH.....*Major, History*, 1926-28.
Havervord, Pa. Prepared by the Shipley School, Bryn Mawr. Foundation Scholar, 1926-28.
- DEAN, MARJORIE.....1926-28.
Wayzata, Minn. Prepared by St. Timothy's School, Catonsville, Md.
- DE LA VEGA, ELVIRA.....*Major, History*, 1925-28.
Buenos Aires, R. A. Prepared by private tuition and by The Misses Kirk's School, Rosemont, Pa.
- DE ROO, GRACE ISABEL.....*Major, Chemistry*, 1925-28.
Roslindale, Mass. Prepared by the Girls Latin School, Boston, Mass. Bryn Mawr Matriculation Scholar for the New England States, 1925-26, Alumnae Regional Scholar, 1925-28, and Anna Hallowell Memorial Scholar, 1927-28.
- DE VAUX, MYRTLE.....*Major, English*, 1927-28.
Piedmont, Calif. Prepared by Miss Ransom and Miss Bridges' School, Piedmont.
- DICKERMAN, JOY IVEY CARTER.....1926-28.
New York City. Prepared by Miss Todhunter's School, New York City, and by the Ethel Walker School, Simsbury, Conn.
- DIKEMAN, ESTHER VIRGINIA.....*Major, Chemistry*, 1924-28.
Philadelphia. Prepared by the High School, Bridgeport, Conn., and by the Germantown High School, Philadelphia. Trustees' Scholar, 1924-28, Pennsylvania Society of New England Women Scholar, 1926-28, and Elizabeth S. Shippen Scholar in Science, 1927-28.
- DIXON, MARIE COFFMAN.....*Major, History*, 1927-28.
Omaha, Nebr. Prepared by Miss Madeira's School, Washington, D. C.
- DOAK, ELIZABETH.....*Major, History*, 1927-28.
Philadelphia. Prepared by the Germantown Friends' School, Germantown, Philadelphia.
- DONALD, JEAN DITMARS.....1927-28.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- DOUGLAS, ELLEN HEWSON.....1926-28.
Overbrook, Pa. Prepared by the Shipley School, Bryn Mawr.
- DOWNING, ELIZABETH COIT.....1927-28.
Stockbridge, Mass. Prepared by Bishop Hopkins Hall, Burlington, Vt.
- DOYLE, MARGARET VOORHEES.....*Major, Latin*, 1925-28.
Philadelphia. Prepared by the Academy of Notre Dame, Philadelphia, and by the Misses Kirk's School, Rosemont, Pa.
- DRAKE, MARY POLK.....*Major, English*, 1927-28.
Miami, Fla. Prepared by the Shipley School, Bryn Mawr.
- DUBREUIL, CLARISSE ADELE.....1927-28.
Havana, Cuba. Prepared by St. Mary's School, Raleigh, N. C., and by the Harecum School, Bryn Mawr.
- DURFEE, MARY BRAYTON.....*Major, Greek*, 1926-28.
Fall River, Mass. Prepared by the Durfee High School, Fall River, and by the Ethel Walker School, Simsbury, Conn.
- DURHAM, MARY LOUISA.....1926-27, *Sem. I*, 1927-28.
Louisville, Ky. Prepared by the Louisville Collegiate School, Louisville, and by the Baldwin School, Bryn Mawr.
- DYER, CLARISSA LEWIS.....*Major, History*, 1924-26, 1927-28.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.
- DYER, ETHEL CHOUTEAU.....*Major, English*, 1927-28.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.

- EDWARDS, MARY ELIZABETH.....1926-28.
Oklahoma City, Okla. Prepared by the Shipley School, Bryn Mawr.
- FAIN, CAROLINE VIRGINIA.....*Major, Psychology*, 1925-28.
Greenwich, Conn. Prepared by Rosemary Hall, Greenwich.
- FARQUHAR, CHARLOTTE ELIZABETH.....1926-28.
York, Pa. Prepared by the Collegiate School, York, and by Miss Wright's School, Bryn Mawr.
- FAUST, BERTHA BROSSMAN.....1927-28.
Wyomissing, Pa. Prepared by the High School, Wyomissing, and by the Misses Kirk's School, Bryn Mawr.
- FEHRER, ELIZABETH VANDERBILT.....1926-28.
New York City. Prepared by St. Agatha's School, New York City.
- FERGUSON, DONITA.....1927-28.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- FESLER, JEAN LOUISE.....*Major, English*, 1924-28.
Cleveland, Ohio. Prepared by the Berkeley Institute, Brooklyn, N. Y., by the High School, Oak Park, Ill., and by the Shaker Heights High School, Cleveland, Sheelah Kilroy Scholar in English, 1926-28.
- FETTER, ELIZABETH.....1926-28.
Seattle, Wash. Prepared by St. Nicholas School, Seattle.
- FIELD, CATHERINE.....*Major, Mathematics*, 1924-28.
Montpelier, Vt. Prepared by Bishop Hopkins Hall, Burlington, Vt. Alumnae Regional Scholar, 1924-25, and Charles S. Hinchman Memorial Scholar, 1927-28.
- FINDLEY, MARGARET DEAN.....1927-28.
Altoona, Pa. Prepared by the High School, Altoona, and by Highland Hall, Hollidaysburg, Pa.
- FISK, EDITH.....*Major, Latin*, 1926-28.
Buffalo, N. Y. Prepared by the Buffalo Seminary, Buffalo.
- FITE, MARY DELAFIELD.....*Major, Italian*, 1924-28.
Princeton, N. J. Prepared by Miss Fine's School, Princeton, and by the Baldwin School, Bryn Mawr.
- FOWLER, MATILDA PINKHAM.....*Major, English*, 1924-28.
Elizabeth, N. J. Prepared by the Vail Deane School, Elizabeth, and by Rosemary Hall, Greenwich, Conn.
- FREEMAN, BETTIE CHARTER.....*Major, Mathematics*, 1925-28.
Baltimore, Md. Prepared by the Columbus School for Girls, Columbus, Ohio, and by the Bryn Mawr School, Baltimore. Mallory Whiting Webster Alumnae Regional Scholar, 1925-26.
- FRENAYE, FRANCES.....*Major, Latin*, 1926-28.
Philadelphia. Prepared by St. Genevieve-of-the-Pines, Asheville, N. C., and by the Shipley School, Bryn Mawr.
- FRIEND, ELINOR.....*Major, Latin*, 1925-28.
Norristown, Pa. Prepared by the High School, Norristown, and by the Misses Kirk's School, Rosemont, Pa.
- FROTHINGHAM, MARY ELIOT.....1927-28.
Boston, Mass. Prepared by the Winsor School, Boston, and Miss Ferris' School, Paris, France.
- FRY, FRANCES ELIZABETH.....*Major, History*, 1925-28.
Burnham, Pa. Prepared by Highland Hall, Hollidaysburg, Pa., by the Agnes Irwin School, Philadelphia, and by private tuition. Bryn Mawr Matriculation School for Pennsylvania and the Southern States, 1925-26, and Constance Lewis Memorial Scholar, 1927-28.
- FRY, LUCY HOWARD.....1927-28.
Burnham, Pa. Prepared by the Irwin School, Philadelphia. Minnie Murdock Kendrick Scholar, 1927-28.
- FUNK, ELIZA COALE.....*Major, Latin*, 1924-26, *Sem. I*, 1927-28.
Glyndon, Md. Prepared by the Bryn Mawr School, Baltimore, Md.

- GAILLARD, MARY STAMPS BATESON, *Group, Chemistry and Biology*, 1924-28.
Rye, N. Y. Prepared by the Brearley School, New York City, and by Miss Chapin's School, New York City.
- GARDNER, ROSAMOND GILLIS.....1926-28.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore, and by the Shipley School, Bryn Mawr.
- GARDNER, RUTH.....*Major, History*, 1924-28.
Quincy, Ill. Prepared by the High School, Quincy, and by the Baldwin School, Bryn Mawr.
- GARRETT, HELEN JULIET.....*Major, Economics and Politics*, 1925-28.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
- GATES, FLORENCE MARJORIE.....*Major, Latin*, 1925-28.
Devon, Pa. Prepared by the Baldwin School, Bryn Mawr.
- GELLHORN, MARTHA ELLIS.....1926-28.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis.
- GENDELL, LAURA VALERIA.....*Major, Economics and Politics*, 1925-28.
Long Island, N. Y. Prepared by the High School, Pottstown, Pa., and by the Misses Kirk's School, Rosemont, Pa.
- GEORGE ANNE BEVERLEY.....*Major, French*, 1927-28.
Richmond, Va. Prepared by the Collegiate School for Girls, Richmond.
- GESSNER, MARY REID.....*Major, English*, 1925-28.
Ardmore, Pa. Prepared by the High School for Girls, West Philadelphia, by the Lower Merion High School, and by Miss Wright's School, Bryn Mawr.
- GILLINDER, EMMA WILKINSON, *Major, Mathematics and Chemistry*, 1924-28.
Port Jervis, N. Y. Prepared by the High School, Port Jervis.
- GLOVER, ALICE LOUISE.....*Major, French*, 1925-28.
Washington, D. C. Prepared by the Maret French School, Washington, and by Miss Madeira's School, Washington. Alumnae Regional Scholar, 1925-26; Maria Hopper Sophomore Scholar and Book Shop Scholar, 1926-27, Thomas H. Powers Memorial Scholar, 1927-28.
- GORDON, SARAH STANLEY.....1926-28.
Baltimore, Md. Prepared by the Shipley School, Bryn Mawr.
- GOW, ELIZABETH PURVIANCE.....1927-28.
Butte, Mont. Prepared by the High School, Butte, and the Misses Kirk's School, Bryn Mawr.
- GRACE, MARY RANDOLPH.....*Major, Greek*, 1925-28.
New York City. Prepared by the Brearley School, New York City. Bryn Mawr Matriculation Scholar for New York, New Jersey, and Delaware, 1925-26.
- GRANT, EDITH.....1926-28.
Washington, D. C. Prepared by Miss Burke's School, San Francisco, Calif., and by Miss Madeira's School, Washington.
- GREGSON, MARGARET.....*Major, Mathematics*, 1924-28.
La Grange, Ill. Prepared by the Lyons Township High School, La Grange. Alumnae Regional Scholar, 1924-28; Abby Slade Brayton Durfee Scholar, 1925-26, 1927-28; James E. Rhoads Junior Scholar, 1926-27, and Maria L. Eastman Brooke Hall Memorial Scholar, 1927-28.
- GRISWOLD, CAROLYN HOWELL.....1927-28.
Baltimore, Md. Prepared by the Roland Park Country Day School for Girls, Baltimore.
- GUCKER, LOUISE FULTON.....*Major, French*, 1924-28.
Philadelphia. Prepared by the Phebe Anna Thorne School, Bryn Mawr, and by the Agnes Irwin School, Philadelphia.
- GUITERMAN, HELEN.....*Major, English*, 1924-28.
New York City. Prepared by Hamilton Institute, New York City, and by the Ethel Walker School, Simsbury, Conn.
- HALEY, FRANCES BURKE.....*Major, English*, 1925-28.
Joplin, Mo. Prepared by the Wolcott School, Denver, Colo., by the Academy of Our Lady of Mercy, Joplin, and by the Phebe Anna Thorne School, Bryn Mawr.

- HALEY, LAURA MARGARET.....*Major, English*, 1924-28.
Joplin, Mo. Prepared by the Convent of Our Lady of Mercy, Joplin, and by the Phebe Anna Thorne School, Bryn Mawr, and by private tuition.
- HAMMAN, MARY SHARRETTS.....1927-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HANCOCK, THOMASIA HARRIS.....1926-28.
Cincinnati, Ohio. Prepared by Miss Doherty's School, Cincinnati.
- HAND, CONSTANCE.....*Major, Greek*, 1926-28.
New York City. Prepared by the Brearley School, New York City. Matriculation Scholar for New York, New Jersey and Delaware, 1926-27.
- HAND, FRANCES LYDIA.....*Major, History*, 1925-28.
New York City. Prepared by the Brearley School, New York City.
- HANNAY, AGNES KATHERINE.....1926-28.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- HARRIS, JULIA WHEELER.....*Major, Politics*, 1927-28.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- HARRIS, KATHARINE MCARTHUR.....*Major, French*, 1923-26, 1927-28.
Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- HAYES, CHRISTINE MACEWAN.....*Major, Psychology*, 1924-28.
New York City. Prepared by the Brearley School, New York City.
- HENRY, CLOVER EUGENIA.....*Major, History*, 1925-28.
Scarborough, N. Y. Prepared by the Scarborough School, Scarborough.
- HEPBURN, KATHARINE HOUGHTON,
Group, History and Philosophy, 1924-28.
Hartford, Conn. Prepared by private tuition.
- HERB, EDITH VIRGINIA.....1926-28.
Louisville, Ky. Prepared by the Louisville Collegiate School, Louisville.
- HESS, MARGARET STRAUS.....*Major, French*, 1924-28.
New York City. Prepared by the Horace Mann School, New York City, and by private tuition.
- HINES, MARGARET ELIZABETH.....1926-28.
Goldsboro, N. C. Prepared by the King-Smith Studio School, Washington, D. C., and by The Misses Kirk's School, Bryn Mawr.
- HIRSCHBERG, KATE.....*Major, Chemistry*, 1926-28.
Glencoe, Ill. Prepared by the New Trier Township High School, New Trier, Ill., and by the University School for Girls, Chicago, Ill.
- HOBART, VIRGINIA.....1927-28.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka, and by the Ethel Walker School, Simsbury, Conn.
- HOBSON, ANNIE LEIGH.....1926-28.
Richmond, Va. Prepared by the St. Catherine School, Richmond. Maria Hopper Sophomore Scholar, 1927-28.
- HOEFFER, SARA LOUISE.....*Major, Latin*, 1924-28.
Pottsville, Pa. Prepared by the High School, Pottsville, by Mrs. Thurlow's School, Pottsville, and by the Shipley School, Bryn Mawr.
- HOLLANDER, LEONORE BEATRICE.....*Major, Biology*, 1924-28.
Philadelphia. Prepared by the Frankford High School, Philadelphia.
- HOLLANDER, ROSAMOND HUTZLER.....1927-28.
Baltimore, Md. Prepared by the Friends' School, Baltimore, and by the Misses Kirk's School, Bryn Mawr.
- HOLLOWAY, RUTH WHITCOMB.....*Major, History and French*, 1924-28.
Glencoe, Ill. Prepared by the Roycemore School, Evanston, Ill., by the North Shore Country Day School, Winnetka, Ill., and by the Ogontz School, Rydal, Pa.
- HOOK, HELEN MONTGOMERY.....*Major, Latin*, 1924-28.
Chicago, Ill. Prepared by the Latin School for Girls, Chicago.

- HOPKINSON, ISABELLA.....*Major, History of Art*, 1926-28.
Manchester, Mass. Prepared by the Winsor School, Boston, Mass.
- HORTON, ELLA CAMPBELL.....*Major, History*, 1925-28.
Houston, Texas. Prepared by the South End Junior High School, Houston, and by the Shipley School, Bryn Mawr.
- HOUCK, MARY ELIZABETH.....1926-28.
Schenectady, N. Y. Prepared by Miss Hall's School, Pittsfield, Mass., and by private tuition.
- HOWE, CATHERINE.....*Major, English*, 1926-28.
Fulton, N. Y. Prepared by the Shipley School, Bryn Mawr.
- HOWELL, AGNES ARMSTRONG.....1926-28.
Long Island, N. Y. Prepared by the Miss Chapin's School, New York City.
- HOWLAND, LOUISE.....*Major, French*, 1927-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HOWSON, ELIZABETH.....1927-28.
Wayne, Pa. Prepared by the Baldwin School, Bryn Mawr.
- HUBBARD, ANNE LOUISE,
Major, French, 1925-26, 1926-27, *Sem. I*, 1927-28.
New York City. Prepared by Miss Ranney's School, Pasadena, Calif., by Mr. Harvey's School, Paris, France, by Miss Spence's School, New York City, by the Ethel Walker School, Simsbury, Conn., and by private tuition.
- HUDDLESTON, JEAN FULLER.....*Group, Chemistry and Biology*, 1924-28.
New York City. Prepared by the Veltin School, New York City.
- HULSE, MARGARET HARTLEY.....*Major, Latin*, 1924-28.
Bedford, Pa. Prepared by the High School, Bedford, by Highland Hall, Hollidaysburg, Pa., and by private tuition.
- HULSE, MARY PRESTON.....1926-28.
New Haven, Conn. Prepared by the High School, New Haven.
- HUMPHREY, MARTHA ROSALIE.....*Major, History*, 1925-28.
New York City. Prepared by Miss Marshall's Classes and by Miss Chapin's School for Girls, New York City.
- HUMPHREYS, BARBARA.....*Major, History*, 1925-28.
Mt. Kisco, N. Y. Prepared by the Rippowan School, Bedford, N. Y., and by the Shipley School, Bryn Mawr.
- HUMPHREYS, BLANCHE BARLOW.....1927-28.
New York City. Prepared by the Brearley School, New York City.
- HUMRICHOUSE, ANNE STOCKTON.....*Major, French*, 1926-28.
Ithaca, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- HUFFEL, MAGDALEN GLASER,
Major, Economics and Politics and Philosophy and Psychology, 1924-28.
Fishkill, N. Y. Prepared by the Emma Willard School, Troy, N. Y.
- HYMAN, MIRIAM FRANCES.....*Major, History*, 1927-28.
Huntington, W. Va. Prepared by the High School, Huntington, and Ohio State University.
- JEANES, LENETTE FORD, JR.....*Major, French*, 1925-28.
Villa Nova, Pa. Prepared by the Shipley School, New York City.
- JENKINS, CLARA DOROTHEA.....1927-28.
Pittsburgh, Pa. Prepared by Miss Shearer's School, Pittsburgh, and by Dongan Hall, Staten Island, N. Y.
- JENKINS, MARIANNA DUNCAN.....1927-28.
Cincinnati, Ohio. Prepared by Hughes High School, Cincinnati, and by the Woman's College, Constantinople.
- JOHNSON, MARY JOY.....1927-28.
Salt Lake City, Utah. Prepared by Rowland Hall, Salt Lake City, and by the Shipley School, Bryn Mawr.
- JOHNSTON, MARY ELIZABETH.....19 26-28.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn.

- JOHNSTON, MARY FRANCES.....*Group, French and Spanish*, 1924-28.
Washington, D. C. Prepared by Miss Hill's School, Philadelphia, and by Miss Madeira's School, Washington.
- JONES, CONSTANCE ANDREWS.....1926-28.
Wynnewood, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- JONES, ELEANOR ROBERTSON,
Group, Economics and Politics and Psychology, 1924-28.
New York City. Prepared by Miss Chapin's School, New York City.
- JONES, KATHARINE FULLERTON.....*Major, English*, 1927-28.
St. Davids, Pa. Prepared by the Agnes Irwin School, Philadelphia, and by Wellesley College.
- KEASBY, JULIA NEWBOLD.....1926-28.
Morristown, N. J. Prepared by the Peck School, Morristown, and by the St. John Baptist School, Ralston, N. J.
- KELLOGG, MARY DARCY,
Major, Psychology, 1923-26, 1926-27 *Sem. I*, 1927-28 *Sem. I*.
Morristown, N. J. Prepared by the Peck School, Morristown, and by the Ethel Walker School, Simsbury, Conn.
- KENNEDY, ANN-MARIE.....1927-28.
Omaha, Nebr. Prepared by the Emma Willard School, Troy, N. Y.
- KIRK, BARBARA.....1927-28.
Merion Station, Pa. Prepared by the Baldwin School, Bryn Mawr.
- KITCHEN, RUTH.....*Major, Mathematics*, 1925-28.
Philadelphia. Prepared by the Stevens School, Germantown, and by the Germantown Friends' School, Germantown, Philadelphia.
- KNOX, SYLVIA DOUGHTY.....*Major, Psychology*, 1926-28.
New Canaan, Conn. Prepared by Packer Collegiate Institute, New York City.
- KREUTZBERG, ROBIN.....1927-28.
Bethlehem, Pa. Prepared by Mr. Allen Bell's School, Lake Forest, Ill., the Lycee Victor Drury, Versailles, France, the Dodson Day School, Bethlehem, and the Misses Kirk's School, Bryn Mawr.
- LAKE, AGNES KIRSOPP.....*Major, Latin*, 1926-28.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge, and by St. Paul's School for Girls, London, England.
- LAMBERT, MARY ROBINSON.....*Major, History*, 1925-28.
New York City. Prepared by the Brearley School, New York City.
- LATANÉ, ELINOR.....1926-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1926-27. George Bates Hopkins Memorial Scholar in Music, 1927-28.
- LAWRENCE, RUTH EARLE.....1926-28.
New York City. Prepared by St. Agatha's School, New York City, and by the Brearley School, New York City.
- LEARNED, ANNABEL FRAMPTON.....1925-28.
New York City. Prepared by the Horace Mann High School for Girls, New York City.
- LEE, FRANCES McDANNOLD.....*Major, Economics and Politics*, 1926-28.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- LEWIS, EMILY WESTWOOD.....1927-28.
St. Louis, Mo. Prepared by the Ethel Walker School, Simsbury, Conn., and Mme. Payen's School, Paris.
- LEWISOHN, AUDREY.....1926-28.
New York City. Prepared by the Brearley School, New York City.
- LINN, ELIZABETH HOWLAND.....1925-27.
Chicago, Ill. Prepared by the University High School, Chicago; University of Chicago, 1924-25. Alumnae Regional Scholar, 1925-27, and Book Shop Scholar, 1926-27.
- LIPPINCOTT, ELIZABETH,
Major, History, 1923-25, 1925-26 *Sem. I*, 1926-27, 1927-28 *Sem. I*.
Wynnewood, Pa. Prepared by the Agnes Irwin School, Philadelphia.

- LITTLEHALE, LOUISE ELLIOTT.....Major, *French*, 1926-28.
Boston, Mass. Prepared by the Winsor School, Boston.
- LOBB, MIRIAM CARROLL.....1926-28.
Wayne, Pa. Prepared by the Baldwin School, Bryn Mawr.
- LOINES, BARBARA.....Major, *History of Art*, 1924-28.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
- LONGSTRETH, SARAH.....Major, *English*, 1926-28.
Philadelphia. Prepared by the Friends' Select School, Philadelphia.
- LOOMIS, VIRGINIA LANGDON.....1926-28.
New York City. Prepared by the Brearley School, New York City.
- LORD, ANNE KIRKHAM.....1927-28.
New York City. Prepared by the Brearley School, New York City.
- LORD, KATHARINE ANNA.....1927-28.
New York City. Prepared by Kent Place School, Summit, N. J.
- LOW, EMILY JANE.....1927-28.
Kansas City, Mo. Prepared by the Sunset Hill School and the Barstow School, Kansas City.
- LOWE, MARGARET COGGESHAL.....1927-28
Larchmont, N. Y. Prepared by the High School, Miami, Fla., the Harcum School, Bryn Mawr, and the High School, Mamaroneck, N. Y.
- MACATEE, GERTRUDE PAXTON.....1927-28.
Washington, D. C. Prepared by Central High School, Washington, and by Miss Madeira's School, Washington.
- MARKLEY, SYLVIA MOSS.....1927-28.
Sunbury, Pa. Prepared by the High School, Sunbury, and the Birmingham School, Birmingham, Pa.
- MARTIN, MARGARET HAMILTON.....1926-28.
San Francisco, Calif. Prepared by the Katherine Branson School, Ross, Calif.
- MCDERMOTT, MARY MARIVORA.....Major, *Italian*, 1925-28.
New Haven, Conn. Prepared by the Gateway, New Haven, and by Rosemary Hall, Greenwich, Conn.
- MCELWAIN, PAULINA WITHERELL.....Major, *History of Art*, 1924-28.
West Springfield, Mass. Prepared by Walnut Hill High School, Natick, Mass.
- McKEE, MARGARET HARPER.....Major, *Biology*, 1924-28.
Spuyten Duyvil, N. Y. Prepared by the Horace Mann School, New York City, and by the Brearley School, New York City.
- McKELVEY, HELEN FAIRCHILD.....Major, *English*, 1924-28.
Suffern, N. Y. Prepared by the Shipley School, Bryn Mawr.
- McKELVEY, MARGARET LEE.....1927-28.
New York City. Prepared by St. Timothy's School, Catonsville, Md.
- McKINNEY, ELIZABETH.....1927-28.
Wickliffe, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- McVITY, RUTH DWIGHT.....Major, *History*, 1925-28.
Bryn Mawr, Pa. Prepared by the Phebe Anna Thorne School, Bryn Mawr, and by the Ethel Walker School, Simsbury, Conn.
- MEAD, DOROTHY SUSAN.....1927-28.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- MERCER, ALICE KATHARINE.....Major, *Psychology*, 1925-28.
New York City. Prepared by the Community School, New Haven, Conn., by Ely Court, Greenwich, Conn., and by Dana Hall, Wellesley, Mass.
- MERRILL, ADELE KATTE.....1926-28.
New York City. Prepared by the Brearley School, New York City.
- MEYER, LUCILE.....Major, *History*, 1924-28.
Aspinwall, Pa. Prepared by the Public School, Aspinwall, and by the Baldwin School, Bryn Mawr.

- MILLER, DOROTHY KATHERINE... *Major, Chemistry and Biology*, 1924-28.
Bound Brook, N. J. Prepared by the Hartridge School, Plainfield, N. J., and by the Kent Place School, Summit, N. J.
- MILLER, NANCY LEE.....1927-28.
Chicago, Ill. Prepared by the Faulkner School, Chicago.
- MITCHELL, NANCY DOUGLAS.....*Major, English*, 1924-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MONGAN, ELIZABETH MARY.....1927-28.
Somerville, Mass. Prepared by the Cambridge-Haskell School, Cambridge, Mass.
- MOORE, ALWINE JANE.....*Major, History*, 1927-28.
Englewood, N. J. Prepared by the Dwight School, Englewood, and the Baldwin School, Bryn Mawr.
- MOOS, DOROTHY JANE.....1927-28.
Jenkintown, Pa. Prepared by the Oak Lane Country Day School, Oak Lane, Pa.
- MORAN, ECCLESTON.....*Major, Philosophy*, 1925-28.
San Francisco, Calif. Prepared by Miss Burke's School, San Francisco, and by special courses, Lowell High School, San Francisco.
- MORGAN, EDITH SAMPSON.....*Group, Chemistry and Biology*, 1924-28.
New York City. Prepared by the Horace Mann School, New York City, by the Union High School, Palo Alto, Calif., and by the Veltin School, New York City.
- MORGAN, MARGARET BLAKE.....*Major, English*, 1924-28.
Philadelphia. Prepared by the High School for Girls, Philadelphia.
- MORGANSTERN, LOUISE F.....*Major, Psychology*, 1925-28.
Pittsburgh, Pa. Prepared by the Schenley High School, Pittsburgh.
- MORGENSTERN, JEAN HANNAH.....*Major, Greek*, 1924-26, 1927-28.
Cincinnati, Ohio. Prepared by the Walnut Hills High School, Cincinnati.
- MORRISON, ROSEMARY.....1926-27, *Sem. II*, 1927-28.
Chicago, Ill. Prepared by Miss Harris' School, Chicago, and by the Parker School, Chicago.
- NICHOLSON, ANNE LEA.....1926-28.
Moorestown, N. J. Prepared by the Westtown School, Westtown, Pa., and by the Friends' Select School, Philadelphia.
- NIELDS, ANN.....1927-28.
Wilmington, Del. Prepared by the Holton-Arms School, Washington, D. C., and by St. Timothy's School, Catonsville, Md.
- NUCKOLS, MARGARET OULD.....1927-28.
Albany, N. Y. Prepared by Saint Agnes School, Albany. Alumnae Regional Scholar, 1927-28.
- OAKFORD, MARY.....1927-28.
Clarks Summit, Pa. Prepared by the Baldwin School, Bryn Mawr.
- OKIE, MARY EMLEN.....*Major, History*, 1924-28.
Saint Paul, Minn. Prepared by the Agnes Irwin School, Philadelphia.
- ORR, CHARLOTTE.....*Major, Economics and Politics*, 1926-28.
Sewickley, Pa. Prepared by Wykeham Rise, Washington, Conn., and by the Misses Kirk's School, Bryn Mawr.
- OVERTON, BETTY THOMSON.....1927-28.
New York City. Prepared by Miss Chandor's School, New York City.
- PACKARD, ELIZABETH CAZENOVE GARDNER,
.....*Major, History of Art*, 1925-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Alumnae Regional Scholar and Mallory Whiting Webster Scholar, 1926-28.
- PAGE, CELESTE WALKER.....1926-28.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- PALACHE, ALICE HELEN.....*Major, History of Art*, 1924-28.
Cambridge, Mass. Prepared by the Winsor School, Boston, Mass. Sheelah Kilroy Memorial Scholar in English, 1927-28.

- PALMER, MARCELLA.....1925-26, 1927-28.
Washington, D. C. Prepared by the High School, Mt. Holly, N. J., and by Miss Madeira's School, Washington.
- PARK, MARION.....*Major, Philosophy*, 1925-28.
Boston, Mass. Prepared by Miss Lee's School, Boston, and by the May School, Boston.
- PARK, MARJORIE LINCOLN.....1926-28.
New York City. Prepared by the Brearley School, New York City.
- PARKER, PAULINE STOCKTON.....1927-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1927-28.
- PARKHURST, ANNA GLIDDEN.....*Major, French*, 1926-28.
Bethesda, Md. Prepared by Miss Madeira's School, Washington, D. C.
- PARKS, JEAN DARLING.....*Major, French*, 1926-28.
Danbury, Conn. Prepared by the High School, Danbury, and by Rosemary Hall, Greenwich, Conn.
- PATTERSON, MARGARET NEWMAN,
Major, French, 1925-26; 1926-27, *Sem. II*; 1927-28.
Richmond, Va. Prepared by the Collegiate School for Girls, Richmond, and by St. Catherine's School, Richmond.
- PAXSON, JANE TAYLOR.....*Major, Biology*, 1926-28.
Madison, Wis. Prepared by the American High School, Paris, France, and by the University of Wisconsin.
- PECKHAM, CONTENT RATHBONE.....*Major, Mathematics*, 1926-28.
New Rochelle, N. Y. Prepared by the Montemare School, New York City, and by the Misses Kirk's School, Bryn Mawr.
- PERERA, NINA.....*Major, History of Art*, 1924-28.
New York City. Prepared by the Horace Mann School, New York City.
- PERRY, MARGARET.....*Major, History*, 1924-28.
Westerly, R. I. Prepared by the High School, Westerly, and by Westtown Boarding School, Westtown, Pa. Foundation Scholar, 1926-28.
- PETERS, MARY AUGUSTA.....1926-28.
New Cumberland, Pa. Prepared by the Seiler School, Harrisburg, Pa. Frances Marion Simpson Scholar, 1926-28.
- PETERS, RUTH MARGARET. *Group, Psychology and Mathematics*, 1924-28.
New Cumberland, Pa. Prepared by the Camp Curtin Jr. High School, Harrisburg, Pa., by the Central High School, Harrisburg, and by the Seiler School, Harrisburg. Mary Anna Longstreth Scholar, 1926-27, and Elizabeth Wilson White Memorial Scholar, 1927-28.
- PETTIT, MARY DEWITT.....*Group, Chemistry and Biology*, 1924-28.
Albany, N. Y. Prepared by the Shipley School, Bryn Mawr, Pa.
- PETTUS, FLORENCE.....1926-28.
St. Louis, Mo. Prepared by the Mary Institute, St. Louis.
- PHILLIPS, YILDIZ.....*Major, History of Art*, 1924-28.
Pinehurst, N. C. Prepared by the Bryn Mawr School, Baltimore, Md., by the High School, Middletown, N. Y., by the Thurston Preparatory School, Pittsburgh, Pa., by the Schenley High School, Pittsburgh, and by private tuition. Alumnae Regional Scholar, 1924-28, and Bertha Norris Bowen Memorial Scholar, 1927-28.
- PINCKNEY, FRANCES CRAIK.....1927-28.
Richmond, Va. Prepared by St. Catherine's School, Richmond.
- PITTS, HELEN DORSEY.....1927-28.
Milton, Mass. Prepared by Miss Wright's School, Bryn Mawr.
- PIZOR, DOROTHY.....1927-28.
Philadelphia. Prepared by the Girls' High School, West Philadelphia.
- POE, ELLA KING.....*Major, History*, 1925-28.
Cedar Rapids, Ia. Prepared by the High School, Cedar Rapids, and by St. Timothy's School, Catonsville, Md.
- PRICHETT, NANCY MORGAN.....*Major, French*, 1924-28.
Haddonfield, N. J. Prepared by the Agnes Irwin School, Philadelphia. Book Shop Scholar and Special Scholar, 1927-28.

- PURCELL, CHARLOTTE MERCER.....*Major, History*, 1925-28.
Richmond, Va. Prepared by St. Catherine's School, Richmond.
- PUTNAM, FRANCES LOUISE.....*Major, History*, 1924-28.
Boston, Mass. Prepared by the Friends' Select School, Philadelphia, and by the Girls' Latin School, Boston. Alumnae Regional Scholar, 1924-28, Anna Hallowell Scholar, 1926-27, and Anna Powers Memorial Scholar, 1927-28.
- QUIMBY, GRACE.....*Major, Latin*, 1925-28.
Philadelphia. Prepared by the Friends' Central School, Philadelphia.
- RAYMOND, IDA LOUISE.....*Major, English*, 1927-28.
Fort Adams, R. I. Prepared by the Western High School, Washington, D. C., Rogers High School, Newport, R. I., Girls' High School, San Francisco, Calif., and the University of California.
- REA, CATHERINE LAWRENCE.....*Major, Spanish*, 1925-28.
Bryn Mawr, Pa. Prepared by the Girls' Latin School, Boston, Mass., by the West Philadelphia High School for Girls, Philadelphia, by the Harcum School, Bryn Mawr, and by private tuition.
- REA, MARGUERITE BAILEY.....1927-28.
York, Pa. Prepared by the Collegiate Institute, York, and by the Baldwin School, Bryn Mawr.
- RHETT, ELIZABETH TYLER...*Major, History and History of Art*, 1924-28.
Garden City, Long Island, N. Y. Prepared by St. Mary's School, Garden City.
- RICE, ERNA SARAH.....1926-28.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis.
- RICHARDS, BETSY HASTINGS.....1927-28.
New York City. Prepared by the Brearley School, New York City.
- RICHARDS IMOGENE REPLIER.....*Major, French*, 1926-28.
New York City. Prepared by the Brearley School, New York City. Alumnae Regional Scholar, 1926-27, Maria Hopper Sophomore Scholar, 1927-28.
- RICHARDSON, KATHLEEN MOORE.....1926-28.
South Orange, N. J. Prepared by the Columbia High School, South Orange.
- RICHARDSON, LAURA MORSE.....*Major, French*, 1925-26, 1927-28.
Omaha, Nebr. Prepared by St. Timothy's School, Catonsville, Md.
- RIELY, MARY DARRALL.....1926-28.
Oklahoma City, Okla. Prepared by the Shipley School, Bryn Mawr.
- RIESER, CATHERINE LESHER.....1927-28.
Reading, Pa. Prepared by the Shipley School, Bryn Mawr.
- ROBINSON, FRANCES HASWELL.....1927-28.
Orange, N. J. Prepared by the Dearborn-Morgan School, Orange, and by Kent Place School, Summit, N. J.
- ROESLER, PHOEBE ALICE IMLAY.....1927-28.
New York City. Prepared by the Brearley School, New York City.
- ROPES, HARRIET.....1926-28.
Cambridge, Mass. Prepared by the Winsor School, Boston, Mass.
- ROSE, CORNELIA BRÜERE, JR...*Major, Economics and Politics*, 1924-28.
New York City. Prepared by the Lenox School, New York City.
- ROTCH, JOSEPHINE NOYES.....1926-28.
Boston, Mass. Prepared by Miss Lee's School, Boston.
- SALANT, MARIE JOSEPHINE.....1926-28.
New York City. Prepared by the Ethical Culture School, New York City.
- SALINGER, MARGARETTA MATHILDA.....*Major, History of Art*, 1924-28.
Bloomfield, N. J. Prepared by the High School, Bloomfield. James E. Rhoads Sophomore Scholar, 1925-26; Thomas H. Powers Scholar, 1926-27; Amelia Richards Memorial Scholar, 1927-28.
- SAMPSON, GAIL ELIZABETH.....*Major, History*, 1924-28.
Princeton, N. J. Prepared by the University School, Avondale, Cincinnati, Ohio.

- SANBORN, LUCY COBURN..... 1927-28, *Sem. I.*
Andover, Mass. Prepared by Abbott Academy, Andover. Matriculation Scholar for the
New England States.
- SAPPINGTON KATHERINE CURTIS..... 1927-28.
Perth Amboy, N. J. Prepared by the Bryn Mawr School, Baltimore, Md.
- SAUNDERS, MARGERY ELDER..... *Group, Psychology*, 1924-28.
Littleton, N. H. Prepared by Miss Johnson's School, Cambridge, Mass., and by private
tuition.
- SCHOMBERG, ALICE DOROTHY..... 1927-28.
Brooklyn, N. Y. Prepared by Brooklyn Friends' School, New York, and by Dongan Hall,
Dongan Hills, Staten Island, N. Y.
- SCHOTTLAND, ELEANOR..... *Major, Philosophy*, 1924-26, 1927-28.
Morristown, N. J. Prepared by St. Margaret's School, Waterbury, Conn.
- SCOTT, MARGARET BRIDE..... 1927-28.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and the Agnes
Irwin School, Philadelphia. Trustees' Scholar, 1927-28.
- SCOTT, SYLVIA..... 1927-28.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia, and the Knox School,
Cooperstown, N. Y.
- SEARS, LORINE CARPENTER..... *Major, English*, 1926-28.
Chillicothe, Ohio. Prepared by the High School, Chillicothe, and by Howard Seminary,
West Bridgewater, Mass.
- SELIGMAN, HAZEL..... *Major, Economics and Politics*, 1926-28.
New York City. Prepared by St. Agatha's School, New York City.
- SHALLCROSS, ANTOINETTE BREWER..... *Major, Latin*, 1925-28.
Milwaukee, Wis. Prepared by the Goodyear-Burlingame School, Syracuse, N. Y., by the
Easton High School, Detroit, Mich., and by Highland Hall, Holidaysburg, Pa.
- SHAUGHNESSY, MARGARET..... *Major, Physics*, 1927-28.
Framingham, Mass. Prepared by the High School, Framingham, and by Dana Hall,
Wellesley, Mass.
- SHEBLE, STEPHANIE ENGEL..... *Major, French*, 1926-28.
Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- SHEPARD, KATHARINE..... *Major, Latin*, 1924-28.
New York City. Prepared by St. Agatha's School, New York City. Alumnae Regional
Scholar, 1924-28.
- SHEPARD, GLADYS..... *Major, Latin*, 1926-27; *Sem. I.*, 1927-28.
Philadelphia. Prepared by the William Penn High School, Philadelphia. Trustees'
Scholar, 1926-28.
- SHERLEY, MIGNON..... *Major, History*, 1927-28.
Washington, D. C. Prepared by Miss Madeira's School, Washington, D. C.
- SHERMAN, GERALDINE..... 1926-28.
Douglas, Ariz. Prepared by St. Nicholas' School, Seattle, Wash.
- SHIPLEY, BEATRICE..... *Major, History*, 1925-28.
Mt. Airy, Philadelphia. Prepared by the Friends School, Germantown, Philadelphia.
- SHRYOCK, VIRGINIA FLORENCE..... 1927-28.
Philadelphia. Prepared by the Germantown Friends School, Philadelphia.
- SIMERAL, ANNA HARRIET..... 1926-27, *Sem. I.*; 1927-28, *Sem. I.*
Stubenville, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- SIXT, KATHERINE LENA..... *Major, French*, 1927-28.
East Cleveland, Ohio. Prepared by the Shaw High School, East Cleveland.
- SKIDMORE, NINA STURGIS..... 1926-28.
New York City. Prepared by Miss Chapin's School, New York City.
- SLINGLUFF, SILVINE VON DORSNER..... 1926-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- SMITH, CAROLINE RAVENEL MASON..... *Major, History*, 1924-28.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.

- SMITH, MARGARET ELEANOR MASON.....1926-28.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
- SMITH, MARION HOWARD,
 Major, French, 1923-26; 1926-27, Sem. II; 1927-28, Sem. I.
Wiscasset, Me. Prepared by the New Hope School, New Hope, Pa., and by the Brearley
School, New York City. Alumnae Regional Scholar, 1923-24.
- SMITH, VIRGINIA EVERETT.....1927-28.
Schenectady, N. Y. Prepared by Miss Hall's School, Pittsfield, Mass.
- SNYDER, HELEN LOUISE.....*Major, Chemistry, 1927-28.*
Brookville, Pa. Prepared by the Baldwin School, Bryn Mawr.
- SPEIDEN, ELEANOR LEITH,
 Major, Mathematics and Physics, 1924-26; Sem. I, 1927-28.
New York City. Prepared by Rosemary Hall, Greenwich, Conn.
- STECK, ELIZA SMITH.....*Major, Mathematics and Physics, 1924-28.*
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- STETSON, JOSEPHINE SHAW.....*Major, Philosophy, 1924-28.*
New York City. Prepared by the Brearley School, New York City, by Rosemary Hall,
Greenwich, Conn., and by private tuition.
- STEVENSON, HELEN MAXWELL.....1927-28.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and the Agnes
Irwin School, Philadelphia. Frances Marion Simpson Scholar, 1927-28.
- STEVENSON, MARTHA VIRGINIA...*Major, Economics and Politics, 1926-28.*
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and by the Misses
Kirk's School, Bryn Mawr.
- STEWART, ELIZABETH CLEELAN.....*Major, French, 1924-28.*
Lutherville, Md. Prepared by the Bryn Mawr School, Baltimore, Md. Bryn Mawr School
Scholar, 1924-26.
- STILES, ALICE ELIZABETH.....1927-28.
Lynn, Mass. Prepared by Bishop Hopkins Hall, Burlington, Vt., and by Miss Madeira's
School, Washington, D. C.
- STIX, ERMA ELIZABETH.....1926-28.
St. Louis, Mo. Prepared by the John Burrough's School, St. Louis.
- STOKES, OLIVIA EGGLESTON PHELPS.....*Major, History, 1926-28.*
Washington, D. C. Prepared by Foxcroft, Middleburg, Va.
- STRATTON, HELEN,
 Hearer by Courtesy in Biblical Literature, Sem. II, 1927-28.
Philadelphia.
- SULLIVAN, CONSTANCE SEAGER.....1926-28.
New York City. Prepared by the Brearley School, New York City.
- SULLIVAN, SYDNEY BUCHANAN.....1927-28.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- SUSSMAN, ETHEL PICARD.....1927-28.
Philadelphia. Prepared by the High School for Girls, Philadelphia. Charles E. Ellis
Scholar, 1927-28.
- SWAN, CARLA.....*Major, Psychology, 1925-28.*
Denver, Colo. Prepared by the Walcott School, Denver, and by the Ethel Walker School,
Simsbury, Conn.
- TATNALL, FRANCES SWIFT.....*Major, History, 1927-28.*
Wilmington, Del. Prepared by the Misses Hebb's School, Wilmington. Frances Marion
Simpson Scholar, 1927-28.
- TAYLOR, ALICE ELIZABETH...*Major, English, 1926-27; Sem. II, 1927-28.*
Denver, Colo. Prepared by the East Denver High School, Denver, and by the Abbott
Academy, Andover, Mass.
- TAYLOR, HELEN LOUISE.....*Major, Archaeology, 1926-28.*
Wareham, Mass. Prepared by the Fontaine School, Paris, France, and by the Shipley
School, Bryn Mawr. Matriculation Scholar for Pennsylvania and the Southern States,
1926-27.

- TAYLOR, MARTHA JEFFERSON.....1927-28.
Page, W. Va. Prepared by St. Hilda's Hall, Charles Town, W. Va.
- THALMAN, LOUISA ALICE.....1927-28.
Schenectady, N. Y. Prepared by the Shipley School, Bryn Mawr.
- THISTLEWAITE, DOROTHY M.....*Hearer by Courtesy in German*, 1927-28.
Brooklyn, N. Y.
- THOMAS, ESTHER EVANS.....1927-28.
Haverford, Pa. Prepared by Miss Wright's School, Bryn Mawr.
- THOMAS, HILDA VALL-SPINOSA.....1927-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- THOMPSON, BARBETTE.....*Major, English*, 1926-28.
Portsmouth, Virginia. Prepared by the Woodrow Wilson High School, Portsmouth, and
by the Misses Kirk's School, Bryn Mawr.
- THOMPSON, CAROLINE HUSTON.....1927-28.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- THRUSH, EDITH BLANCHE.....1926-28.
Philadelphia. Prepared by the High Schools for Girls, Philadelphia. Philadelphia City
Scholar and L. C. B. Saul Scholar, 1926-28.
- THURBER, KATHERINE.....1927-28.
New York City. Prepared by Miss Spence's School, New York City.
- THURSTON, LOIS MATHER.....1927-28.
New York City. Prepared by the Katharine Branson School, Ross, Calif.
- TOTTEN, ELINOR ALICE.....1927-28.
Washington, D. C. Prepared by the Eastman School, Washington, and Miss Madeira's
School, Washington. Alumnae Regional Scholar, 1927-28.
- TURK, NATHENE.....1927-28.
Cleveland, Ohio. Prepared by the Shaw High School, Cleveland.
- TURNER, MARION HUMES.....1927-28.
Parkton, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- TURNER, SARA CLARK.....*Major, French*, 1926-28.
Merion, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- TUTTLE, HELEN NORRIS.....*Group, History of Art*, 1924-28.
Bryn Mawr, Pa. Prepared by the Phebe Anna Thorne School, Bryn Mawr.
- UFFORD, ELIZABETH HAZARD.....*Major, Biology*, 1925-28.
New York City. Prepared by the Germantown Friends' School, Philadelphia.
- UNANGST, MARGARET RUTH.....*Major, Physics*, 1927-28.
Philadelphia. Prepared by the High School for Girls, Philadelphia. Fred Gowing Memo-
rial Scholar, 1927-28.
- VAN BUREN, JOSEPHINE DAY.....*Major, Economics*, 1925-28.
Englewood, N. J. Prepared by the Dwight School, Englewood.
- WALKER, SARA BEDDOE.....*Major, English*, 1924-28.
Philadelphia. Prepared by the William Penn High School, Philadelphia. Simon Muhr
Scholar and Alumnae Regional Scholar, 1924-28, and Book Shop Scholar, 1927-28.
- WAPLES, EVELYN ALSWORTH.....1927-28.
Wayne, Pa. Prepared by the Phebe Anna Thorne School and the Baldwin School, Bryn
Mawr, and by the University of Chicago High School.
- WARFIELD, REBECCA EVELYN.....1927-28.
Baltimore, Md. Prepared by the Roland Park Country Day School, Roland Park, Md.
Alumnae Regional Scholar, 1927-28.
- WEBSTER, MARY GRAHAM.....1927-28.
Cleveland Heights, Ohio. Prepared by the Laurel School, Cleveland, and by the Misses
Kirk's School, Bryn Mawr.
- WEDEMEYER, MAIDIE.....1927-28.
South Miami, Fla. Prepared by the High School, Miami, and The Misses Kirk's School,
Bryn Mawr.

- WENRICH, EVELYN.....*Major, Latin*, 1924-28.
Wernersville, Pa. Prepared by the High School for Girls, Reading, Pa., and by the Bryn Mawr School, Baltimore, Md.
- WESSON, MARY VICTORIA.....1926-28.
Springfield, Mass. Prepared by the Ethel Walker School, Simsbury, Conn.
- WICKES, HENRIETTA CATHERINE.....1926-28.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1926-27, and Book Shop Scholar, 1927-28.
- WIEGAND, PHYLLIS DOROTHEA.....*Major, German*, 1926-28.
New York City. Prepared by St. Agatha's School, New York City. Alumnae Regional Scholar, 1926-28.
- WILLIAMS, ANNE CRAIG.....*Major, Philosophy*, 1926-28.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- WILLIAMS, MARY LOW.....*Major, Biology*, 1925-28.
New York City. Prepared by the Brearley School, New York City.
- WILLS, REBECCA LOUISA.....*Major, History*, 1925-28.
Media, Pa. Prepared by the Friends' School, Haddonfield, N. J., by Westtown Boarding School, Westtown, Pa., and by the Friends' Select School, Philadelphia. Alumnae Regional Scholar, 1925-27, and Foundation Scholar, 1925-28.
- WILSON, ELIZABETH.....*Major, French*, 1926-28.
Washington, D. C. Prepared by the Western High School, Washington.
- WINSHIP, KATHERINE MARY.....1927-28.
Macon, Ga. Prepared by the High School, Macon, Ga., and by St. Timothy's School, Catonsville, Md.
- WISE, JANET FLORENCE.....*Major, Mathematics*, 1926-28.
New York City. Prepared by the Ethical Culture School, New York City.
- WOLSTENHOLME, HELEN.....*Major, French*, 1925-27; *Sem. I*, 1927-28.
Philadelphia. Prepared by Shady Hill School, Chestnut Hill, Philadelphia, and by Spring-side School, Chestnut Hill.
- WOOD, ANNE ELIZABETH.....*Major, Economics and Politics*, 1926-28.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- WOODWARD, NANCY HOOKER.....*Major, Psychology*, 1925-28.
New York City. Prepared by the Memorial High School, Pelham, N. Y., and by Rosemary Hall, Greenwich, Conn.
- WOOSTER-HULL, EDITH KATHERINE.....1926-27; *Sem. I*, 1927-28.
New York City. Prepared by the Dalton High School, New York City, and by Miss Spence's School, New York City.
- WORTHINGTON, BLANCHE.....1927-28.
Forest Grove, Pa. Prepared by the High School, Doylestown, Pa., and by George School, George School, Pa.
- WORTHINGTON, ELIZABETH COLEMAN.....1927-28.
Bryn Mawr, Pa. Prepared by the Bryn Mawr School, Baltimore, and by the Arden School, Lakewood, N. J.
- WRAY, LOUISE RUSSELL.....*Major, History of Art*, 1924-27; *Sem. II*, 1927-28.
New York City. Prepared by the Washington Irving High School, New York City, by the Brearley School, New York City, and by private tuition.
- WRIGHT, DOROTHY MILLER.....1927-28.
Norristown, Pa. Prepared by the Baldwin School, Bryn Mawr, and by the National Cathedral School, Washington, D. C.
- WRIGHT, HILDA EMILY TYLSTON.....*Major, English*, 1925-28.
Portland, Ore. Prepared by the Misses Kirk's School, Rosemont, Pa. Frances Marion Simpson Scholar, 1925-27, and James E. Rhoads Sophomore Scholar and Alice Ferree Hayt Award, 1926-27, James E. Rhoads Junior Scholar, Frances Marion Simpson Scholar and Alice Ferree Hayt Memorial Award, 1927-28.
- WYCKOFF, MARY.....*Major, Latin*, 1923-26; *Sem. II*, 1926-27; *Sem. I*, 1927-28.
Philadelphia. Prepared by the Baldwin School, Bryn Mawr. Mary Anna Longstreth Memorial Scholar, 1924-25.

- YERKES, CORDELIA.....*Hearer by Courtesy in German*, 1927-28.
Bryn Mawr, Pa.
- YERKES, ROBERTA WATTERSON.....*Major, Economics*, 1925-28.
New Haven, Conn. Prepared by the Central High School, Washington, D. C.
- YOUNG, JOSEPHINE.....*Major, Greek*, 1924-28.
New York City. Prepared by the Brearley School, New York City. Bryn Mawr Matriculation Scholar for New York, New Jersey and Delaware, 1924-25.
- YOUNG, MARJORIE BOOTH.....*Group, Latin*, 1924-28.
Wayne, Pa. Prepared by Miss Wright's School, Bryn Mawr.
- YUNG-KWAI, MARINA.....1926-28.
Washington, D. C. Prepared by the Central High School, Washington.
- ZALESKY, ELIZABETH GIBBS.....*Major, English*, 1926-28.
Norfolk, Va. Prepared by the Western High School, Washington, D. C.
- ZEBEN, SADIE SYLVIA.....1927-28.
Philadelphia. Prepared by the High School for Girls, Philadelphia.

FELLOWS, SCHOLARS, AND GRADUATE STUDENTS

- DE LAGUNA, FREDERICA ANNIS DE LEO,
Bryn Mawr European Fellow, Shippen Foreign Scholar.
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1927.
- CORNELIUS, ROBERTA DOUGLAS, *Helene and Cecil Rubel Foundation Fellow.*
Lynchburg, Va. A.B., Randolph-Macon Woman's College, 1909; M.A., University of Chicago, 1916. Teacher of English, Florence, Ala., 1910-11; Instructor in English, Randolph Macon Woman's College, 1911-13, 1915-19; Adjunct Professor, 1919-25; Associate Professor, 1925-26. Fellow in English, Bryn Mawr College, 1926-27.
- WARD, JULIA.....*Fanny Bullock Workman Fellow.*
Navesink P. O., N. J. A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student and Warden of East House, Bryn Mawr College, 1924-25; Graduate Student and Warden of Rockefeller Hall, 1925-27.
- TETZ, JOSEPHINE MARIE.....*Anna Ottendorfer Memorial Research Fellow.*
Chicago, Ill. B.S., Northwestern University, 1925. M.A., Bryn Mawr College, 1927. Graduate Scholar in German, Bryn Mawr College, 1925-27.
- GREGORY, PHYLLIS MARIE.....*Mary Elizabeth Garrett European Fellow.*
Roseland, B.C. A.B., University of British Columbia, 1925. M.A., Bryn Mawr College, 1927. Susan B. Anthony Memorial Research Scholar in Social Economy and Social Research and in Politics, Bryn Mawr College, 1925-26, and Fellow in Economics and Politics, 1926-27.
- BROADBENT, MARION MARY ELIZABETH.....*Fellow in Latin.*
Fall River, Mass. A.B., Brown University, 1926. M.A., Bryn Mawr College, 1927. Graduate Scholar in Latin, Bryn Mawr College, 1926-27.
- SOUTH, HELEN PENNOCK.....*Fellow in English.*
Philadelphia. A.B., Wellesley College, 1913. M.A., Bryn Mawr College, 1926. Teacher in the Friends Central School, Philadelphia, 1913-17; in the Westtown School, Westtown, Pa., 1917-19, and Girls' Principal of the Westtown School, 1919-25. Graduate Student in English, Bryn Mawr College, 1925-26, and Graduate Scholar in English, 1926-27.
- MELCHER, EDITH.....*Fellow in French.*
Cynwyd, Pa. A.B., Bryn Mawr College, 1923, and M.A., 1924. Graduate Scholar in French, Bryn Mawr College, 1923-24; Teacher of French in the Phebe Anna Thorne School and Graduate Student in French, Bryn Mawr College, 1924-26; Mary Elizabeth Garrett European Fellow and Student at the University of Paris, 1926-27.
- SWEENEY, MARY STEDMAN.....*Fellow in Spanish.*
Lawrence, Mass. A.B., Radcliffe College, 1917, and M.A., 1922. Student, Centro de Estudios Historicos, Madrid, Spain, 1920-21, and at the Alliance Francaise, Paris, 1921. Teacher of Spanish, Vassar College, 1922-24, 1925-26. Student, Radcliffe College and Harvard Summer School, 1924-25, and in Madrid, Spain, 1926-27.
- GEIGER, KAROLA.....*Fellow in German.*
Hessen, Germany. Student, Höheres Lehrerinnenseminar, Darmstadt, Germany, 1906-09, and at the University of Chicago, 1924-27. M.A., University of Chicago, 1926. Teacher, Francis W. Parker School, 1925-27.
- HARPER, MARGARET GRACE.....*Fellow in History.*
Bronxville, N. Y. A.B., Mount Holyoke College, 1924. Substitute Teacher, Murray Hill Vocational School, 1924-25. Graduate Scholar in Economics and Politics, Bryn Mawr College, 1925-26, and Fellow in History, 1926-27.
- GUPPY, RUTH.....*Fellow in Economics and Politics.*
Melrose, Mass. A.B., Mount Holyoke College, 1921; M.A., Radcliffe College, 1926. Teacher of Civics and American and European History, High School, Hudson, N. Y., 1921-23; Grade Teacher, Beaver Country Day School, Chestnut Hill, Mass., 1923-25. Susan B. Anthony Memorial Research Scholar in Social Economy and Social Research and in Politics, Bryn Mawr College, 1926-27.

- BEARD, BELLE BOONE,
Carola Woerishoffer Fellow in Social Economy and Social Research.
Boone Mill, Va. A.B., Lynchburg College, 1923. Teacher in High Schools, 1914-20, 1921-22, 1923-24. Field Secretary, Lynchburg College, Summer, 1922; 1924-25; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1925-27.
- HYMAN, ANNA,
Carola Woerishoffer Fellow in Social Economy and Social Research.
New Orleans, La. A.B., H. Sophie Newcomb Memorial College, Tulane University, 1926, and M.A., 1927.
- GORDON, MILDRED ELIZABETH. *Grace H. Dodge Fellow in Social Economy.*
Providence, R. I. B.Sc., Simmons College, 1919; M.Sc., Western Reserve University, 1923. Teacher and Extension Worker, Hindman Settlement School, Hindman, Ky., 1919-20; Teacher of Sociology, and Welfare Agencies, Schauffler Training School, Cleveland, O., 1925-27.
- MANBAR, ROSA,
Grace H. Dodge Fellow in Social Economy and Social Research.
Lwow, Poland. Teacher's Diploma, University of Lwow, 1925; Ph.D., University of Vienna, 1923. Social Worker, 1914-16; Teacher of Physics, Mathematics and German, High Schools, 1918-26. Graduate Student, Columbia University, 1926-27.
- FLANDERS, RUTH ELLEN. *Fellow in Philosophy.*
Westboro, Mo. A.B., University of Nebraska, 1926. Graduate Assistant in Psychology and Graduate Student, University of Nebraska, 1926-27.
- FAISSLER, JANE FRANCES. *Fellow in Psychology.*
Sycamore, Ill. A.B., University of Illinois, 1926. Graduate Scholar in Psychology, Bryn Mawr College, 1926-27.
- HUTCHESON, MARGUERITE LUCILLE. *Fellow in Education.*
Winnipeg, Manitoba, Canada. A.B., Dalhousie University, 1920, and M.A., 1921. Student, Nova Scotia Normal College, 1920, Harvard Summer School, 1921 and 1923. Head of the Department of English, Prince Albert Collegiate Institute, 1922-26; Teacher of English, Gordon Bell Junior High School, Winnipeg, 1926-27.
- HUKE, ALINE. *Fellow in Mathematics.*
South Hadley Falls, Mass. A.B., Mount Holyoke College, 1921. Graduate Student, University of Chicago, 1926-27. Teacher of Algebra and Physics, Cobleskill High School, Cobleskill, N. Y., 1924-26.
- HAYS, MARGARET BLANCHE. *Fellow in Physics.*
Swissvale, Pa. A.B., Oberlin College, 1924; M.S., University of Pittsburgh, 1925. Teacher in Swissvale High School, February-June, 1926; Instructor in Physics, Hollins College, 1926-27.
- DIETZ, EMMA MARGARET. *Fellow in Chemistry.*
Brooklyn, N. Y. A.B., Barnard College, 1925; M.A., Columbia University, 1926. Fellow in Chemistry, Bryn Mawr College, 1926-27.
- KINGSLEY, LOUISE. *Fellow in Geology.*
Binghamton, N. Y. A.B., Smith College, 1922, and M.A., 1924. Graduate Student and Assistant in Geology, Smith College, 1922-24, and Graduate Student and Instructor in Geology, 1924-27.
- CARPENTER, ESTHER. *Fellow in Biology.*
East Haven, Conn. A.B., Ohio Wesleyan University, 1925; M.A., University of Wisconsin, 1927.
- BAILLOU, RENATE. *Austrian Scholar in History of Art.*
Vienna, Austria. Student, University of Halle, 1923-24; University of Vienna, 1924-27.
- RIBES, MARIE-MARCELLE. *French Scholar in English.*
Ezcossonia, Basses Pyrénées, France. *Licenciée-ès-Lettres*, University of Paris, 1925. Teacher of French and Latin, Women's College of Paris, 1926-27.
- HAMILTON, MARGARET CICELY. *British Scholar in French.*
Bristol, England. B.A., Oxford University, Honours in Modern Languages, 1926. Teacher of French in the Guildford High School, Surrey, 1926-27.
- HOPE, MARGARET LOIS. *British Scholar in Geology.*
Haddington, Scotland. B.A., Newnham College, Cambridge University, 1926.
- SHAW, ANNIE GILLESPIE,
British Scholar in Social Economy and Social Research.
Uddingston, Lanarkshire, Scotland. M.A., Edinburgh University, 1927.

YOUNG, HELEN MARION KINNEAR.....*British Scholar in Mathematics.*
Exmouth, England. *Licenciée-ès-Sciences*, University of Lausanne, 1924.

PATKANIEWSKA, MARIE ANTONIA.....*Polish Scholar in English.*
Cracow, Poland. *Cand. Phil.*, University of Cracow, 1927.

ABAECHELLI, ALINE LOUISE.....*Graduate Scholar in Latin.*
Cincinnati, O. A.B., University of Cincinnati, 1927.

AHLERS, HARRIET HOWE.....*Graduate Student in Education.*
Cedar Grove, Me. A.B., University of Minnesota, 1915. Graduate Student, University of Minnesota, 1919-20; Teacher of English in the High School, St. Cloud, Minn., 1915-19; Director of Women's Work, Adult Education, Hartford, Conn., 1920-24; Grace H. Dodge Memorial Fellow in Social Economy and Social Research, Bryn Mawr College, 1924-26; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1926-27; Reader and Demonstrator in Educational Psychology, Bryn Mawr College, 1927-28.

ARCHBALD, SARA THOMPSON.....*Graduate Student in Chemistry.*
Pottsville, Pa. A.B., Bryn Mawr College, 1923; M.A., 1925. Graduate Scholar in Chemistry, Bryn Mawr College, 1923-25. Instructor in Chemistry, Rosemont College, Rosemont, Pa., 1927-28.

BACHE, PRISCILLA,
Carola Woerishoffer Scholar in Social Economy and Social Research.
Waban, Mass. A.B., Smith College, 1927.

BEAMAN, MARIE RUTH.....*Graduate Student in English and History.*
Troy, N. C. A.B., Guilford College, 1924. Teacher in Oak Ridge Public School, 1925-27.

BLAIR, BERTHA,
Carola Woerishoffer Scholar in Social Economy and Social Research.
Duluth, Minn. A.B., Macalester College, 1919. Teacher of History and English in the Junior High School, Duluth, Minnesota, 1919-20; Y. W. C. A. Secretary at Kalamazoo, Michigan, 1920-23, and at Duluth, Minnesota, 1925-27.

BLOODGOOD, MARY ADELINE.....*Graduate Scholar in Chemistry.*
Detroit, Mich. A.B., University of South Dakota, 1927.

BORNEMAN, HELEN IDE.....*Graduate Student in German.*
Philadelphia, Pa. A.B., Smith College, 1921. Assistant, Haverford College Library, 1925-26; Assistant Cataloguer, Bryn Mawr College Library, 1926-.

BOYD, CATHERINE EVANGELINE.....*Graduate Student in History.*
Yarmouth, Nova Scotia. A.B., Radcliffe College, 1926.

BROWN, MIRIAM GRUBB.....*Graduate Student in Italian.*
Norristown, Pa. A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27; Instructor in Italian, Bryn Mawr College, 1927-28.

BURTON,* AILEEN CASEY.....*Graduate Student in English.*
Philadelphia, Pa. A.B., University of Wisconsin, 1922.

CHAPIN, MARGARET GILLILAND.....*Graduate Student in French.*
Lansing, Mich. A.B., Oberlin College, 1922. Certificat d'Etudes Françaises, University of Bordeaux, 1923. Teacher of French, Berea College, Berea, Ky., 1923-27.

CHAPPLE, MARION.....*Graduate Student in English.*
Ashland, Wis. A.B., Carroll College, 1925. Teacher of Latin and English, Wautoma High School, Wautoma, Wis., 1925-27.

CHARLES, MARY LANE.....*Graduate Student in French.*
Richmond, Ind. A.B., Earlham College, 1927.

CHEW,† LUCY EVANS.....*Graduate Student in Italian.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1918. Graduate Student in Italian, Bryn Mawr College, 1920-21, 1925-27.

CLARK, ELEANOR GRACE.....*Graduate Scholar in English.*
Bryn Mawr, Pa. A.B., Oberlin College, 1918, and M.A., 1919. Teacher of English in St. Helen's Hall, Portland, Ore., 1918-20, and in the Friends School, Moorestown, N. J., 1922-23. Graduate Student, Bryn Mawr College, 1920-24, and Reader in English, 1923-24. Helene and Cecil Rubel Foundation Fellow of Bryn Mawr College, Aelioian Fellow of Oberlin College, and Student, University of London, 1924-25. Reader in English, Bryn Mawr College, 1925-26, and Instructor in English, 1926-27.

* Mrs. J. P. Burton.

† Mrs. Samuel Claggett Chew.

- COE, THELMA.....*Grace H. Dodge Scholar in Social Economy.*
Baltimore, Md. A.B., Goucher College, 1927.
- COFFIN, MARTHA MAXINE.....*Penn College Scholar.*
Des Moines, Iowa. A.B., Penn College, 1927.
- COLE, GRACE MAY.....*Graduate Student in Education.*
Haverford, Pa. A.B., Wellesley College, 1917. Teacher, Faulkner School, Chicago, 1918-23, and at the Beaver Country Day School, Brookline, Mass., 1923-26. Principal, Friends' Central School, Overbrook, Pa., 1926-28, and Graduate Student, Bryn Mawr College, Sem. II, 1926-28.
- COLLIER, AGNES SPRAGUE.....*Graduate Scholar in English.*
Allentown, Pa. A.B., Cornell University, 1927.
- CROUTER, ALICE ELIZABETH.....*Graduate Student in Biology.*
Mt. Airy, Philadelphia, Pa. A.B., Smith College, 1918; Graduate Student, University of Pennsylvania, 1924-25, and Columbia University, 1925. Teacher and Dietician, Pennsylvania Institution for the Deaf, 1923-28.
- CUMINGS, EDITH KATHARINE.....*Graduate Scholar in French.*
Bloomington, Ind. A.B., Indiana University, 1927.
- CURRAN, MARY FLORENCE.....*Graduate Student in Education, Sem. I.*
Bryn Mawr, Pa. A.B., College of New Rochelle, 1908. Graduate Student, Radcliffe College, 1914-15, and at the University of Pennsylvania, Semester I, 1925-26. Teacher, Drury High School, North Adams, Mass., 1908-18; Tutor in English and History, Bryn Mawr Summer School for Women Workers in Industry, 1921; Executive Secretary in charge of Education, National League of Girls' Clubs, East Pennsylvania Section, 1921-28.
- DIEZ, * MARTHA MEYSENBURG.....*Graduate Student in German.*
Bryn Mawr, Pa. A.B., University of Texas, 1918. Instructor in German and Graduate Student, Bryn Mawr College, 1925-28.
- DUELL, † ANNA OTIS.....*Graduate Student in Latin, Oct.-Dec., 1927.*
Rosemont, Pa. A.B., Smith College, 1924. Student, American School of Classical Studies, Rome, 1924-25.
- ERSKINE, MADELINE RUSSELL.....*Graduate Student in Education.*
Philadelphia, Pa. A.B., Wellesley College, 1909; M.A., Teachers College, Columbia University, 1926. Y. W. C. A. Student Secretary, 1918-25.
- FAIRCHILD, MILDRED,
Graduate Student in Social Economy and Social Research.
Oberlin, Ohio. A.B., Oberlin College, 1916, and M.A., 1925. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923. Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy, Bryn Mawr College, 1927-28.
- FAIRMAN, RUTH ELIZABETH.....*Graduate Scholar in Latin.*
Amherst, Mass. A.B., Mount Holyoke College, 1927.
- FARNSWORTH, † GRACE BANNEN.....*Graduate Student in English, Sem. II.*
Rockford, Ill. A.B., Rockford College, February, 1928.
- FERNALD, ABBA COLBURN,
Susan B. Anthony Memorial Scholar in Social Economy and Social Research.
Winterport, Me. A.B., University of Maine, February, 1927.
- FINCH, EDITH.....*Graduate Student in French and English.*
Greenfield, Mass. A.B., Bryn Mawr College, 1922. Student, University of Oxford, 1922-24, and in Paris, 1925-26. Reader in English, Bryn Mawr College, 1924-25; and Graduate Student in English and French, 1926-27.
- FISHER, JOSEPHINE.....*Graduate Student in History, Oct.-Dec., 1927.*
Baltimore, Md. A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Teacher of History, Ethel Walker School, Simsbury, Conn., 1922-23.
- FISHTINE, EDITH.....*Graduate Student in Romance Languages.*
Dorchester, Mass. A.B., Boston University, 1925. Student, Universities of Paris and Madrid, 1925-26; Radcliffe College, 1927. Teacher of Spanish, Donald Mackay School, East Boston, 1926-27. Instructor in Spanish, Bryn Mawr College, 1927-28.

* Mrs. Max Diez. † Mrs. Prentice Duell. ‡ Mrs. G. B. Farnsworth

- FITZ-SIMONS, MARIAN JOSEPHINE. *Graduate Student in Psychology.*
Detroit, Mich. B.S., Teachers College, Columbia University, 1924. Teacher in Grade
Schools, 1916-19; Liggett School, Detroit, 1920-22; Berkeley Institute, Brooklyn,
1923-24; Teacher in the Phebe Anna Thorne School, 1926-28, and Graduate Student in
Education, Bryn Mawr College, 1926-27.
- GALLIGAN, RUTH CLARE, *Graduate Student in English, German and Spanish.*
Caldwell, Idaho. A.B., University of Idaho, 1927.
- GARDNER, ELLA MARIE. *Graduate Student in Education.*
Flat Rock, Ala. A.B., Woman's College of Alabama, 1919; M.A., Emory University, 1921.
Graduate Student, Columbia University, 1926-27, and Chicago University, Summer
1926. Teacher, Elementary Schools, 1915-20; Teacher of Mathematics, Girls' High
School, Atlanta, Ga., 1921-24; Teacher of Psychology, Grenada College, Grenada,
Miss., 1924-26; Assistant Director of the Educational Clinic of the Thorne School, Bryn
Mawr, 1927-28.
- GARVIN, HILDA KATHARINE. *Graduate Student in English.*
Beaconsfield, England. B.A., Honours, University of Oxford, 1926; M.A., University of
Michigan, 1927. Instructor in English, Bryn Mawr College, 1927-28.
- GEHRING, CLARA. *Graduate Student in English, Sem. I.*
Cleveland, O. A.B., Bryn Mawr College, 1925.
- GRAY, EMILY. *Graduate Scholar in Economics and Politics.*
Los Angeles, Calif. A.B., University of California, 1927.
- GREER, GEORGIA CURRAN. *Graduate Student in English and Music.*
Bryn Mawr, Pa. A.B., Goucher College, 1923. Primary teacher, Friends' School, Atlantic
City, N. J., 1923-25; Teacher in the Phebe Anna Thorne School, 1925-27. Graduate
Student, Bryn Mawr College, 1926-27.
- HARRIS, EDITH THACHER. *Graduate Student in Psychology, Sem. I.*
Bryn Mawr, Pa. A.B. Bryn Mawr College, 1926; M.A., 1927. Graduate Scholar in
Psychology, Bryn Mawr College, 1926-27; Part-time Demonstrator in Experimental
Psychology, Bryn Mawr College, 1927-28.
- HASKELL, HARRIET. *Graduate Scholar in English.*
La Jolla, Calif. A.B., Mills College, 1927.
- HOFRICHTER, RUTH JUSTINE. *Graduate Student in German.*
Hessen, Germany. Ph.D., University of Heidelberg, 1921. Head of Modern Language
Department, Midland College, Nebr., 1922-25; Assistant, German Department, Uni-
versity of Nebraska, 1927; Instructor in German, Bryn Mawr College, 1927-28.
- INABNIT, MARGARET,
Grace H. Dodge Scholar in Social Economy and Social Research.
Bend, Ore. A.B., University of Oregon, 1925. Certificate, Portland School of Social
Work, 1927.
- JESSEN,* MYRA RICHARDS. *Graduate Student in German.*
Rosemont, Pa. A.B., Bryn Mawr College, 1915. Graduate Student, Bryn Mawr College,
1919-20, 1922- . Teacher in the Friends Central School, Philadelphia, 1920-21, and
in the Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College,
1923-28.
- LITZENBERGER, MAE EDNA. *Graduate Student in German.*
Forestdale, R. I. A.B., Mount Holyoke College, 1924; B.S., Simmons College, School of
Library Science, 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925- .
- MACDONALD, MARY HELEN. *Graduate Student in Mathematics.*
Ardmore, Pa. A.B., Bryn Mawr College, 1921, and M.A., 1924. Graduate Scholar in
Mathematics, Bryn Mawr College, 1923-24, and Graduate Student, 1922-23 and 1925-
26. Assistant to Secretary and Registrar, Bryn Mawr College, 1921-23. Teacher of
Physics and Mathematics, The Shipley School, Bryn Mawr, 1924- .
- MARCETT, MILDRED ELIZABETH. *Graduate Scholar in English.*
Providence, R. I. Ph B. Brown University, 1927.
- MARTI, BERTHE-MARIE. *Graduate Student in Latin.*
Renens, Switzerland. *Licence-ès-lettres*, University of Lausanne, 1925. M.A., Bryn Mawr
College, 1926. Student, University College, London, January-March, 1925. Swiss
Scholar, Bryn Mawr College, 1925-26. Teacher of French in the Phebe Anna Thorne
School, 1926-28; and Graduate Student in English, Bryn Mawr College, 1926-27.

* Mrs. Karl Detlev Jessen.

- MARTIN, GRACE NEALY..... *Graduate Scholar in German.*
Corydon, Ind. A.B., Indiana University, 1918, and M.A., 1923. Teacher of English and Music in the High School, Pontiac, Illinois, 1918-19; Teacher of French in the High School, Columbus, Indiana, 1919-22. Graduate Student, Indiana University, 1922-23. Instructor in German, Indiana University, 1923-27.
- McWILLIAMS, LEËTTA..... *Graduate Student in Greek.*
Buffalo, N. Y. A.B., Vassar College, 1923. Teacher of Latin and Greek, Franklin School, Buffalo, 1923-27.
- MEEHAN, KATHLEEN..... *Graduate Student in English.*
Johnstown, Pa. A.B., Rosemont College, Rosemont, Pa., 1927.
- MILLER, RUTH COMFORT..... *Graduate Scholar in Biology.*
Eugene, Ore. A.B., University of Oregon, 1927.
- MILNE, MARJORIE JOSEPHINE..... *Graduate Student in Archaeology.*
Philadelphia, Pa. A.B., Bryn Mawr College, 1917; A.M., 1918; Ph.D., 1923. Instructor in Elementary Greek, Bryn Mawr College, 1926-27.
- MOTHER MARY DENISE..... *Graduate Student in French.*
Rosemont, Pa. A.B., Villa Nova College, 1926. Teacher of French, 1914-24. Instructor at Rosemont College, Rosemont, Pa., 1926-27. Graduate Student in French, Bryn Mawr College, 1926-27.
- MUCHNIC, HELEN..... *Graduate Student in English and French.*
Brooklyn, N. Y. A.B., Vassar College, 1925; M.A., Bryn Mawr College, 1927. Graduate Scholar in English, Bryn Mawr College, 1925-27; Part-time Reader in English, 1927-28.
- NEELY, ANN ELIZABETH,
Graduate Student in Social Economy and Social Research and Education.
Philadelphia, Pa. A.B., Cornell University, 1919; M.A., University of Chicago, 1922. Teacher, Department of Physical Education, Cornell University, 1919-21; Assistant Dean of Women, Cornell University, 1923-26. Assistant Warden of Pembroke Hall, Bryn Mawr College, 1927-28.
- NORRIS, ELIZABETH..... *Graduate Student in English and Education.*
Santa Cruz, Calif. A.B., Mills College, 1927. Apprentice Teacher in the Thorne School, Bryn Mawr, 1927-28.
- PEEK, KATHARINE MARY..... *Graduate Student in English and History.*
Moline, Ill. A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, 1923-24; Instructor in English, Bryn Mawr College, 1925-27, and Graduate Student in English, 1926-27. Warden of Merion Hall, 1927-28.
- PROKOSCH, GERTRUDE..... *Graduate Student in History of Art.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1922. Graduate Student, Bryn Mawr College, 1923-28. Private Tutor and Teacher of Expressive Dancing, 1923-.
- PUTNAM, MARGARET ADELAIDE..... *Graduate Student in Education.*
Wellesley Farms, Mass. A.B., Smith College, 1923. Graduate Student, Wellesley College, Feb. 1924-Feb. 1925; and at the Yale Graduate School, 1926-27. Kindergarten Assistant, Waltham, Mass., 1925-26; and at the Children's Community Center, New Haven, Conn., 1926-27. Assistant Teacher in the Primary Department, Thorne School, Bryn Mawr, 1927-28.
- RANSOM, MARY MARGARET..... *Graduate Student in English.*
Ardmore, Pa. A.B., Lindenwood College, 1927.
- RAWLINGS, MARGARET BELL..... *Graduate Scholar in Philosophy.*
Tacoma, Wash. A.B., Mills College, 1927.
- REINHOLD, MARGARET RILEY.... *Graduate Student in Education, Sem. I.*
Ardmore, Pa. A.B., Sweet Briar College, 1926. Teacher of Arithmetic, Phebe Anna Thorne School, Bryn Mawr, 1926-28, and Graduate Student, Bryn Mawr College, 1926-27.
- RELYEA, PAULINE SAFFORD... *Graduate Student in History and Education.*
Rome, N. Y. A.B., Smith College, 1924. Student, Columbia University, summer of 1926; and Chicago University, summer 1927. Teacher of History, Easthampton, N. Y., 1924-26; Rome, N. Y., 1926-27; and Phebe Anna Thorne School, Bryn Mawr, Pa., 1927-28.
- RHOADS, ESTHER LOWREY..... *Graduate Student in French.*
Philadelphia. A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager, *Alumnae Bulletin*, Bryn Mawr College, and Graduate Student, 1924-26. Warden of Merion Hall, Feb.-June, 1926; Student in Paris, 1926-27; Warden of Wyndham, 1927-28.

- RHOADS, REBECCA GARRETT..... *Graduate Scholar in English.*
Wilmington, Del. A.B., Bryn Mawr College, 1918. Teacher of English in the Flager School, Jacksonville, Fla., 1918-19, and in the Southfield Point High School, 1919-20. Student, St. Hugh's College, Oxford University, 1920-23 and 1925-27. B.Litt., Oxford University, 1927.
- ROSENZWEIG, IRENE..... *Graduate Student in Latin.*
Pine Bluff, Ark. A.B., Washington University, 1924; M.A., Bryn Mawr College, 1926. Graduate Scholar in Latin, Bryn Mawr College, 1924-26. Teacher in the Phebe Anna Thorne School, and Graduate Student in Latin, Bryn Mawr College, 1926-.
- SANDISON, * ELIZA TILLMAN,
Graduate Student in Education, Archaeology and Music.
Bryn Mawr, Pa. A.B., Goucher College, 1923. Teacher of English, Savannah Junior High School, 1923-24, High School, Augusta, Ga., 1924-26; Teacher of English and History, Shipley School, Bryn Mawr, 1926-27, and Graduate Student in Music, Bryn Mawr College, Sem. I, 1926-27; Apprentice Teacher, Phebe Anna Thorne School, Bryn Mawr, 1927-28.
- SHAPIRO, LILLIAN L..... *Robert G. Valentine Memorial Scholar in Social Economy and Social Research.*
Edgemere, Long Island, N. Y. A.B., Hunter College, 1927. New York University Law School, 1926-27.
- SHEPPERD, ELIZABETH EUNICE..... *Graduate Scholar in Archaeology.*
Indianapolis, Ind. A.B., Mount Holyoke College, 1927.
- SHOE, LUCY TAXIS..... *Graduate Scholar in Archaeology.*
Austin, Texas. A.B., Bryn Mawr College, 1927.
- SMITH, HELEN LORD..... *Graduate Student in Education.*
Westfield, Mass. A.B., Bryn Mawr College, 1927. Warden of Rockefeller Hall, 1927-28.
- STOKES, † KATHARINE GIVLER..... *Graduate Student in French, Sem. I.*
Ardmore, Pa. A.B., Oberlin College, 1925. Secretary in Publicity Work, 1925-26.
- THORKELSON, MARY E..... *Graduate Student in English.*
East Orange, N. J. A.B., University of Wisconsin, 1923. Librarian's Assistant, Hampton Institute, 1924-25; Teacher of English, Hampton Institute, 1924, 1925-27.
- VAN HORN, MARGARET..... *Graduate Student in English.*
Tacoma, Wash. A.B., University of Washington, 1927.
- WALSH, DOROTHY..... *Graduate Student in Philosophy.*
Vancouver, B. C. B.A., University of British Columbia, 1923; M.A., University of Toronto, 1924. Graduate Student, University of Toronto, 1923-25. Fellow in Philosophy, Bryn Mawr College, 1925-26, and Reader in Philosophy, 1927-28.
- WELLS, MINNIE..... *Graduate Student in English and History.*
Oklahoma City, Okla. B.Sc., University of Missouri, 1925. Graduate Student in English, Bryn Mawr College, 1926-27.
- WETHERALD, EDNA ELIZABETH..... *Earlham College Scholar.*
Bryantown, Md. A.B., Earlham College, 1927.
- WHITE, MARCELLA PORTIA,
Grace H. Dodge Scholar in Social Economy and Social Research.
Stockton, Calif. A.B., College of the Pacific, 1927.
- WINN, DOROTHY ELIZABETH..... *Graduate Scholar in French.*
Thomaston, Conn. A.B., Mount Holyoke College, 1924; M.A., Bryn Mawr College, 1925. Graduate Scholar in French, Bryn Mawr College, 1924-26; Student in Paris, 1926-27.
- WOLFF, JULIA ELIZABETH..... *Guilford College Scholar.*
Greensboro, N. C. A.B., Guilford College, 1927.
- WOODWORTH, ALLEGRA..... *Graduate Student in History.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1925. Teacher of History and Algebra, The Ethel Walker School, Simsbury, Conn., 1925-27; Teacher of History, The Shipley School, Bryn Mawr, 1927-28.
- WOODWORTH, MARY KATHARINE..... *Graduate Student in English.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1924; M.A., 1927. Teacher in the Phebe Anna Thorne School, and Graduate Student, Bryn Mawr College, 1925-28.

* Mrs. J. C. Sandison.

† Mrs. Walter P. Stokes.

WRIGHT, AUDREY,

Graduate Student in Social Economy and Social Research and in Education.
Washington, D. C. A.B., Oberlin College, 1927.

WRIGHT, JEAN GRAY,

Graduate Scholar of the Society of Pennsylvania Women in New York.
Lincoln University, Pa. A.B., Bryn Mawr College, 1919; M.A., University of Pennsylvania, 1926. Student at the Sorbonne, 1923-24. Teacher of French and German, Wilmington Friends School, 1919-23; Teacher of French, Holman School, Philadelphia, 1924-25. Graduate Scholar in French, Bryn Mawr College, Sem. I, 1926-27, and Scholar of the Society of Pennsylvania Women in New York, Sem. II, 1926-27.

WYCKOFF, DOROTHY.....*Graduate Student in Geology.*

Philadelphia. A.B., Bryn Mawr College, 1921. Graduate Scholar in Geology, Bryn Mawr College, 1921-22, and Graduate Student, 1922-23, 1925-26. Teacher in the Misses Kirk's School, Bryn Mawr, Pa., 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28.

WYCKOFF, LILLIAN.....*Graduate Student in Chemistry.*

Philadelphia. A.B., Bryn Mawr College, 1922. Graduate Student, Bryn Mawr College, 1924-25 and 1926-27; Yale University, 1925-26. Teacher in preparatory schools, 1922-24; Teacher of Science, Baldwin School, Bryn Mawr, 1926-27.

WYCKOFF MARY.....*Graduate Student in Archaeology, Sem. II.*

Philadelphia. A.B. Bryn Mawr College, Feb. 1928.

SUMMARY OF STUDENTS

	Total for the Year
Class of 1928.....	85
Class of 1929.....	67
Class of 1930.....	115
Class of 1931.....	120
Hearers.....	5
Resident Fellows.....	24
Scholars and Graduate Students.....	96
Total.....	512

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Hour	Course	Monday	Tuesday
8	ELEMENTARY REQUIRED FIRST YEAR	German (M. M. Diez,—) Psychology (Leuba) Latin, Literature of the Republic, Div. B (Swindler)	German (M. M. Diez,—) Philosophy (T. de Laguna, G. de Laguna)
9	ELEMENTARY FIRST YEAR SECOND YEAR ADVANCED ELECTIVE GRADUATE	German, Div. A. Greek (Kirk) Greek, Plato (Sanders) French Literature, Div. A (Pardé) Div. B (Gilman) Italian (M. G. Brown) Economics, Div. B (Wells) Mathematics, Analytic Geometry (Lehr) Geology (Billings) Spanish Literature Medieval Art (E. Diez) Chemistry (Fieser) Physics (Huff) International Finance (Dulles) Biology, Theoretical (Tennent)	Greek (Kirk) Greek, Homer (Gifford) French Reading and Composition, Div. A (Gilman) Div. B (Canu) Div. C (Pardé) Italian (M. G. Brown) Economics, Div. B (Wells) Mathematics, Trigonometry (Widder) Geology (Billings) Spanish Composition 17th and 18th Cent. Painting (G. G. King) Chemistry (Fieser) British Imperialism (W. R. Smith) Applied Sociology (Hart) Principles of Education (Forest) 3rd yr. History of Music (Alwyne) Elementary Counterpoint (Willoughby) Seminary in Medieval French Literature (Frank), 9-1 Industrial Relations (Dulles), 9-11 Social Statistics (Kingsbury)
10	REQUIRED FIRST YEAR SECOND YEAR ADVANCED ELECTIVE GRADUATE	English Literature, 2nd year (Donnelly) English Literature of the Romantic Period (Chew) German Reading (M. M. Diez) History of Europe, Div. A (Manning) Greek Sculpture (Swindler) Physics (Huff) Biology (S. H. Schrader) Politics, Present Problems (Fenwick) Philosophy, Kant to Spencer (G. de Laguna) Chemistry (Fieser) Social Anthropology (Hart) Psychology of Childhood (Forest) Geology (Evans)	English, Chaucer (Herben) German Literature (Diez) History of Europe, Div. A (Manning) Ancient Painting (Swindler) Physics (Huff) Biology (S. H. Schrader) Politics, Present Problems (Fenwick) Philosophy, Social Philosophy (T. de Laguna) Chemistry (Mair) Modern French Literature (Schenck) Greek New Testament (Cadbury) Statistics (Kingsbury) Economic Geology (Evans) Victorian Poets (E. G. Clark)
11	REQUIRED FIRST YEAR SECOND YEAR ADVANCED ELECTIVE GRADUATE	English Composition, 1st year (George) Spanish (Gillet) Economics, Div. A (M. P. Smith) Philosophy, Ethics (T. de Laguna) Ancient Architecture (Duell) Latin, Plautus (Swindler) Italian Literature (Toglia) German (M. Diez) History of the Renaissance (Gray) Psychology, Social Psychology (Leuba) Mathematics (Widder) Geology (Evans) Biology (F. Schrader) Religion of Israel (Cadbury) Educational Psychology (Rogers) Advanced History of Music (Alwyne) Systematic Psychology (Helson) Physics (Barnes)	Spanish (Gillet) Economics, Div. A (M. P. Smith) Philosophy, Morality (G. de Laguna) Topography (Duell) Latin Literature (Taylor) Italian Composition (M. G. Brown) German (Meiger) History of the Renaissance (Gray) Psychology, Social Psychology (Leuba) Mathematics (Lehr) Geology (Evans) Biology (F. Schrader) French Fiction (Canu) English Composition New Testament Introduction (Cadbury) Greek Religion and Myths (Gifford) Advanced Harmony (Willoughby) Seminary in Social and Industrial Research (Kingsbury), 11-1 Chemistry (Fieser)
12	ELEMENTARY FIRST YEAR SECOND YEAR ADVANCED ELECTIVE GRADUATE	German, Div. B Latin, Literature of the Republic, Div. A (Taylor) History of Europe, Div. B (David) Psychology, Experimental (Helson) Italian Renaissance Painting (G. G. King) Chemistry (Mair) Greek, Demosthenes (Sanders) English Critics (Donnelly) French Literature (Pardé) Physics (Barnes) Italian (Toglia) Elements of Law (Fenwick) Labour Movements (Dulles)	Latin, Roman Life, Div. A (Broughton) History of Europe, Div. B (David) (Smith) Psychology, Experimental (Helson) Art in Asia (E. Diez) Chemistry (Mair) Greek Literature (Gifford) English Drama (E. G. Clark) Old English (Herben) French Reading and Composition, Div. A (Canu) Div. B (Gilman) Physics (Barnes) Italian (Toglia) Palaeontology (Evans)

WEDNESDAY	THURSDAY	FRIDAY
German (—, M. M. Diez, —)	German (—, M. M. Diez, —) Psychology (Leuba)	German (—, M. M. Diez, —) Philosophy (T. de Laguna, G. de Laguna) Latin, Literature of the Republic, Div. B (Swindler)
Latin, Literature of the Republic, Div. B (Swindler)		
German, Div. A Greek (Kirk) Greek, Plato (Sanders) French Literature, Div. A (Pardé) Div. B (Gilman)	Greek (Kirk) Greek, Homer (Gifford) French, Reading and Comp., Div. A (Gilman) Div. B (Canu) Div. C (Pardé)	German, Div. A Greek (Kirk) Greek, Sophocles (Sanders) French Literature, Div. A (Pardé) Div. B (Gilman)
Italian (M. G. Brown) Economics, Div. B (Wells) Mathematics, Analytic Geometry (Lehr) Geology (Billings) Spanish Literature Medieval Art (E. Diez)	Italian (M. G. Brown) Economics, Div. B (Wells) Mathematics, Trigonometry (Widder) Geology (Billings) Spanish Composition 17th and 18th Cent. Painting (G. G. King)	Italian (M. G. Brown) Economics, Div. B (Wells) Mathematics, Analytic Geometry (Lehr) Geology (Billings) Spanish Literature Medieval Art (E. Diez)
Chemistry (Fieser) Physics (Huff) International Finance (Dulles)	Chemistry (Fieser) British Imperialism (W. R. Smith) Applied Sociology (Hart) Principles of Education (Forest) 3rd yr. History of Music (Alwyne) Elementary Counterpoint (Willoughby)	Chemistry (Fieser) Physics (Huff)
Social Statistics (Kingsbury)	Physics Journal Club (Huff and Barnes) Biology Journal Club (Tennent, F. Schrader, D. E. Smith)	
English Literature, 2nd year (Donnelly)	English, Chaucer (Herben)	English Literature, 2nd year (Donnelly)
English Literature of the Romantic Period (Chew) German Reading (M. M. Diez) History of Europe, Div. A (Manning) Greek Sculpture (Swindler) Physics (Huff) Biology (S. H. Schrader) Politics, Present Problems (Fenwick) Philosophy, Kant to Spencer (G. de Laguna) Chemistry (Fieser)	German Literature (Diez) History of Europe, Div. A (Manning) Ancient Painting (Swindler) Physics (Huff) Biology (S. H. Schrader) Politics, Present Problems (Fenwick) Philosophy, Social Philosophy (T. de Laguna) Chemistry (Mair) Modern French Literature (Schenck) Modern New Testament (Cadbury) Statistics (Kingsbury) Economic Geology (Evans) Victorian Poets (E. G. Clark) Geology (Billings)	English Literature of the Romantic Period (Chew) German Reading (M. M. Diez) History of Europe, Div. A (Manning) Greek Sculpture (Swindler) Physics (Huff) Biology (S. H. Schrader) Politics, Present Problems (Fenwick) Philosophy, Kant to Spencer (G. de Laguna) Chemistry (Lanman)
Social Anthropology (Hart) Psychology of Childhood (Forest)		Social Anthropology (Hart) Psychology of Childhood (Forest)
Seminary in Community Organization (Kingsbury, Hart); 10-12		Geology (Billings)
English Composition, 1st year (George) Spanish (Gillet) Economics, Div. A (M. P. Smith) Philosophy, Ethics (T. de Laguna) Ancient Architecture (Duell) Latin, Plautus (Swindler) Italian Literature (Toglia) German (M. Diez) History of the Renaissance (Gray) Psychology, Social Psychology (Leuba) Mathematics (Widder) Geology (Evans) Biology (F. Schrader)	Spanish (Gillet) Economics, Div. A (M. P. Smith) Philosophy, Morality (G. de Laguna) Topography (Duell) Latin Literature (Taylor) Italian Composition (M. G. Brown) German (Mezger) History of the Renaissance (Gray) Psychology, Social Psychology (Leuba) Mathematics (Lehr) Geology Laboratory (Evans) Biology (F. Schrader) French Fiction (Canu) English Composition New Testament Introduction (Cadbury) Greek Religion and Myths (Gifford) Advanced Harmony (Willoughby) Astronomy (Huff)	English Composition, 1st year (George) Spanish (Gillet) Economics, Div. A (M. P. Smith) Philosophy, Ethics (T. de Laguna) Ancient Architecture (Duell) Latin, Plautus (Swindler) Italian Literature (Toglia) German (M. Diez) History of the Renaissance (Gray) Psychology, Social Psychology (Leuba) Mathematics (Widder) Geology Laboratory (Evans) Biology (F. Schrader)
Religion of Israel (Cadbury) Educational Psychology (Rogers) Advanced History of Music (Alwyne)		Religion of Israel (Cadbury) Educational Psychology (Rogers) Advanced History of Music (Alwyne)
Systematic Psychology (Helson) Industrial Relations (Dulles)		Systematic Psychology (Helson) Seminary in Education (Rogers), 11-1
Physics (Barnes)	Chemistry (Fieser)	Physics (Barnes)
German, Div. B Latin, Literature of the Republic, Div. A (Taylor) History of Europe, Div. B (David) Psychology, Experimental (Helson) Italian Renaissance Painting (G. G. King) Chemistry (Mair) Greek, Aristophanes (Sanders)	Latin, Roman Life (Broughton) History of Europe, Div. B (David) Psychology, Experimental (Helson) Art in Asia (E. Diez) Chemistry (Mair) Greek Literature (Gifford) Old English (Herben) English Drama (E. G. Clark) French Reading and Composition, Div. A (Canu) Div. B (Gilman) Physics Laboratory (Barnes)	German, Div. B Latin, Literature of the Republic, Div. A (Taylor) History of Europe, Div. B (David) Psychology, Experimental (Helson) Italian Renaissance Painting (G. G. King) Chemistry (Mair) Greek, Demosthenes (Sanders)
English Critics (Donnelly)		English Critics (Donnelly) French Literature (Pardé)
French Literature (Pardé) Physics (Barnes)		Physics Laboratory (Barnes)
Italian (Toglia) The Gospel of John (Cadbury)	Italian (Toglia)	Italian (Toglia)
Labour Movements (Dulles)	Palæontology (Evans)	Labour Movements (Dulles) Palæontology (Evans)

PRELIMINARY SCHEDULE OF LECTURES,

Hour	Course	Monday	Tuesday
2	LABORATORY WORK	Psychology (Helson) Physics, 2nd yr. (Barnes) Chemistry, 1st yr. (Mair) Geology, 1st yr. (Billings) Biology, 2nd yr. (F. Schrader)	Psychology (Helson) Physics, 2nd yr. (Barnes) Chemistry, 1st yr. (Mair) Geology, 1st yr. (Billings) Biology, 2nd yr. (F. Schrader)
	ADVANCED	Greek, Eschylus (Sanders) French 16th Cent. Essay (Pardé) German Novel (M. Diez) Economics (M. P. Smith) History of Art, Oriental Art (E. Diez) Mathematics, Advanced Calculus (Widder)	Greek, Eschylus (Sanders) French, 16th Cent. Essay (Pardé) German Novel (M. Diez) Economics (M. P. Smith) History of Art, Oriental Art (E. Diez) Mathematics, Advanced Calculus (Widder)
	ELECTIVE	Harmony (Willoughby)	
	GRADUATE	Seminary in Old English (Herben), 2-4 Italian Seminary (Toglia), 2-4 Archæology Seminary (Swindler), 2-4	Seminary in English Criticism (Crandall), 2-4 Spanish Seminary (Gillet), 2-4 History Seminary (Gray), 2-4
3	LABORATORY WORK	Psychology (Helson) Physics, 2nd yr. (Barnes) Chemistry, 1st yr. (Mair) Geology, 1st yr. (Billings) Biology, 2nd yr. (F. Schrader)	Psychology (Helson) Physics, 2nd yr. (Barnes) Chemistry, 1st yr. (Mair) Geology, 1st yr. (Billings) Biology, 2nd yr. (F. Schrader)
	ADVANCED	Greek, Theocritus (Gifford) Latin, Vergil Europe since 1870 (Gray) Mathematics, Geometry (Lehr)	Latin, Vergil Europe since 1870 (Gray) Mathematics, Geometry (Lehr)
	ELECTIVE	Reading of Prose Authors (S. A. King) History and Appreciation of Music (Alwyne)	Reading of Prose Authors (S. A. King) Adv. Exper. Psychology (Helson) History and Appreciation of Music (Alwyne)
	GRADUATE	History of Art Seminary (G. G. King), 3-5	Greek Seminary, Attic Tragedy (Sanders), 3-4.30 Germanic Philology Seminary (Mezger) Mathematics Seminary (Widder), 3-4.30
4	GRADUATE	Latin Seminary, Historiography (4-6) English Seminary, Blake, Wordsworth and Coleridge (Chew), 4-6. Alternate Weeks. Romance Philology Seminary (Frank), 4-6 Germanic Philology (Mezger) History Journal Club (Gray, W. R. Smith, David), 4-6. Alternate Weeks. Economics and Politics Journal Club (M. P. Smith, Fenwick, Dulles), 4-6. Alternate Weeks. Advanced Statistics (Hart) 4-6 Philosophy Journal Club (T. de Laguna, G. de Laguna), 4-6. Alternate Weeks. Psychology Seminary (Leuba), 4-6 Mathematics Seminary, 4-6 Orchestration (Alwyne), 4-6 Seminary in Zoölogy (Tennent), 4.30-6	Greek Journal Club (Sanders, Gifford), 4.30-6. Alternate Weeks. English Seminary, 4.30-6 Romance Languages Journal Club (Schenck, Pardé, Frank, Gilman, Canu, Gillet, Toglia) German Literature Seminary (M. Diez), 4.30-6 Seminary in the Bible (Cadbury), 4-6 Economics Seminary (M. P. Smith), 4-6 Philosophy Seminary (T. de Laguna), 4-6 Seminary in New Testament (Cadbury) Social Education Seminary (Forest), 4-6 History of Art Seminary (E. Diez), 4-6 Mathematics Journal Club (Wheeler, Widder, Lehr), 4.30-6. Alternate Weeks Music Seminary (Alwyne) Chemistry Journal Club (Fieser, Lanman), 4-6. Alternate Weeks Seminary in Physiology, 4.30-6
5			

FIRST SEMESTER, 1928-29.

WEDNESDAY	THURSDAY	FRIDAY
<p>Greek, 4th Century Critics (Sanders) Latin Composition French Composition (Schenck) German Novel (M. Diez) Economics (M. P. Smith) History of Art, Oriental (E. Diez) Mathematics, Advanced Calculus (Widder) Embryology (Tennent)</p> <p>Harmony (Willoughby)</p> <p>Education Journal Club (Rogers, Forest), 2-4. Alternate Weeks.</p> <p>Archæology Seminary (Duell), 2-4 Geology Journal Club (Billings and Evans) 2.15-4.15. Alternate Weeks.</p>	<p>Physics, 1st yr. (Huff) Chemistry, 2nd yr. (Fieser) Geology, 2nd yr., Field Work (Evans) Biology, 1st yr. (S. H. Schrader)</p> <p>French Lyric Poetry (Gilman) German Historical Grammar (Mezger)</p> <p>Political Theory (Wells) Mathematics</p> <p>Spanish Art (G. G. King)</p> <p>Old Italian (Toglia)</p>	<p>Physics, 1st yr. (Huff) Chemistry, 2nd yr. (Fieser) Geology, 2nd yr. (Evans) Biology, 1st yr. (S. H. Schrader)</p> <p>German Historical Grammar (Mezger)</p> <p>Political Theory (Wells) Algebraic Theory of Numbers (—) Biochemistry (Smith) Spanish Art (G. G. King)</p> <p>Greek Seminary Homer (Gifford), 2-4 English Journal Club (Donnelly, Chew, Crandall, Herben), 2.30-4. Alternate Weeks.</p> <p>Seminary in Social Origins (Hart), 2-4</p>
<p>Greek, Theocritus (Gifford) Latin, Vergil Mathematics, Geometry (Lehr) Europe since 1870</p> <p>Criticism (Crandall)</p> <p>History and Appreciation of Music (Alwyne)</p>	<p>Physics, 1st yr. (Huff) Chemistry, 2nd yr. (Fieser) Geology, 2nd yr. (Evans) Biology, 1st yr. (S. H. Schrader)</p> <p>Latin, Cicero and Cæsar (Taylor) History, French Revolution (David)</p> <p>Playwriting (B. H. Clark)</p> <p>Rhetoric (Crandall)</p> <p>Greek Seminary, Attic Tragedy (Sanders), 3-4.30</p> <p>Germanic Philology Seminary (Mezger) Mathematics Seminary (Widder), 3-4.30</p>	<p>Physics, 1st yr. (Huff) Chemistry, 2nd yr. (Fieser) Geology, 2nd yr. (Evans) Biology, 1st yr. (S. H. Schrader)</p> <p>Latin, Cicero and Cæsar (Taylor) History, French Revolution (David)</p> <p>Archæology Journal Club (Swindler and Duell), 3-4.30. Alternate Weeks.</p>
<p>Latin Journal Club (Taylor, Swindler, Broughton), 4-6. Alternate Weeks. English Seminary, Blake, Wordsworth, and Coleridge (Chew), 4-6 French Literature Seminary (Pardé), 4-6 Gothic (Mezger), 4-6</p> <p>Social Economy Journal Club (Kingsbury, Hart, Dulles), 4-6. Alternate Weeks. Psychology Journal Club (Leuba, Helson, Rogers), 4-6. Alternate Weeks. Mathematics Seminary (Lehr), 4-6</p> <p>Canon and Fugue (Alwyne), 4-6 Seminary in Zoology (Tennent), 4.30-6</p>	<p>English Seminary, Middle English Lyric (Herben), 4.30-6 French Literature Seminary (Schenck), 4-6</p> <p>German Literature Seminary (M. Diez), 4.30-6 History Seminary (David), 4-6</p> <p>Philosophy Seminary (G. de Laguna), 4-6 Seminary in Advanced Educational Psy- chology (Rogers), 4-6 Administration of Social Agencies (Kings- bury), 4-6 Seminary in Labour Organization (Dulles), 4-6 History of Art Journal Club (E. Diez and G. G. King), 4-6. Alternate Weeks.</p> <p>Seminary in Physiology, 4.30-6</p>	<p>English Seminary, Shelley (Donnelly), 4-6</p> <p>Politics Seminary (Fenwick), 4-6</p>

PRELIMINARY SCHEDULE OF LECTURES,

Hour	Course	Monday	Tuesday
8	ELEMENTARY REQUIRED FIRST YEAR	German (M. M. Diez, —) Psychology (Leuba) Latin, Literature of the Empire, Div. B (Broughton)	German (M. M. Diez, —) Philosophy (T. de Laguna, G. de Laguna)
9	ELEMENTARY FIRST YEAR	Greek (Kirk) Greek, Euripides (Sanders) French, 19th Century Literature, Div. A (Canu) Div. B (Parde)	Greek (Kirk) Greek, Homer (Gifford) French, Reading and Composition, Div. A (Parde) Div. B (Gilman) Div. C (Canu)
	SECOND YEAR	Italian (M. G. Brown) Introduction to Government and Politics, Div. B (Fenwick) Mathematics, Calculus (Widder) Geology (Evans) Spanish Literature Medieval Art, Gothic (E. Diez) Physics (Huff) English History (Robbins) International Finance (Dulles)	Italian (M. G. Brown) Introduction to Government and Politics, Div. B (Fenwick) Mathematics, Algebra (Lehr) Geology (Evans) Spanish Composition Modern Painting (G. G. King)
	ADVANCED ELECTIVE		British Imperialism (W. R. Smith) Applied Sociology (Hart) Principles of Education (Forest) 3rd Year History of Music (Alwyne) Elementary Counterpoint (Willoughby)
	GRADUATE	Biology, Theoretical (Tennent) Social Economy, Social Case Work, 9-11	Seminary in Mediæval French Literature (Frank), 9-11 Seminary in Industrial Relations (Hart), 9-11 Social Statistics (Kingsbury)
10	REQUIRED FIRST YEAR	English Literature, 2nd year (Donnelly) English Literature of the Romantic Period (Chew) German Literature (M. Diez) History of Europe from 1763, Div. A (David) Greek Sculpture (Swindler) Physics (Barnes) Biology (F. Schrader) Econ. Hist. of Econ. Thought (M. P. Smith) Recent Philosophical Tendencies (T. de Laguna)	English, Chaucer (Herben) German Reading (M. M. Diez) History of Europe from 1763, Div. A (David) Archæology, Minor Arts (Duell) Physics (Barnes) Biology (F. Schrader) Econ. Hist. of Econ. Thought (M. P. Smith) Elementary Æsthetics (G. de Laguna)
	SECOND YEAR	Chemistry (Fieser) Social Anthropology (Hart) Psychology of Childhood (Forest)	Physical Chemistry (Mair) Modern French Literature (Schenck) Greek New Testament (Cadbury) Statistics (Kingsbury) Economic Geology (Evans)
	ADVANCED ELECTIVE		
	GRADUATE	Geology (Billings)	Victorian Poets (E. G. Clark)
11	REQUIRED FIRST YEAR	English Composition, 1st year (George) Spanish (Gillet) Introduction to Government and Politics, Div. A (Wells) Philosophical Problems (G. de Laguna) Ancient Architecture (Duell) Latin, Tacitus (Broughton) Italian Literature (Toglia) German (Mezger) History of the U. S. (W. R. Smith) Mental Tests (Rogers) Mathematics (Lehr) Geology (Evans) Biology (Gardiner)	Spanish (Gillet) Introduction to Government and Politics, Div. A (Wells) James and Bergson (T. de Laguna) Ancient Rome (Swindler) Latin Literature (Taylor) Italian Composition (M. G. Brown) German (M. M. Diez) History of the U. S. (W. R. Smith) Mental Tests (Rogers) Mathematics (Widder) Geology (Evans) Biology (Gardiner) French Fiction (Canu)
	SECOND YEAR	Life of Jesus (Cadbury) Advanced History of Music (Alwyne) Systematic Psychology Seminary in Social Case Work, 11-1	New Testament Introduction (Cadbury) Greek Religion and Myths (Gifford) Advanced Harmony (Willoughby)
	ADVANCED	Physics (Barnes)	Chemistry (Fieser)
	ELECTIVE		
	GRADUATE		
12	FIRST YEAR	Latin, Literature of the Empire, Div. A (Swindler) History of Europe from 1763, Div. B Psychology of Instinct and Emotion (Leuba) Italian Renaissance Painting (G. G. King) Chemistry (Fieser) Greek, Thucydides (Sanders)	Latin, Roman Life, Div. A (Broughton) History of Europe from 1763, Div. B Psychology of Instinct and Emotion (Leuba) Art in Asia (E. Diez) Chemistry (Fieser) Greek Literature (Gifford) Old English (Herben) English Drama (E. G. Clark) French, Reading and Composition, Div. A (Gilman) Div. B (Parde)
	SECOND YEAR	English Critics (Donnelly) French Literature (Schenck)	Physics (Huff) Italian (Toglia)
	ADVANCED	Physics (Huff) Italian (Toglia) Elements of Law (Fenwick) Labour Movements (Dulles)	
	ELECTIVE		
	GRADUATE		

SECOND SEMESTER, 1928-29.

WEDNESDAY	THURSDAY	FRIDAY
German (—, M. M. Diez, —)	German (—, M. M. Diez, —)	German (M. M. Diez, —)
Latin, Literature of the Empire, Div. B (Broughton)	Psychology (Leuba)	Philosophy (T. de Laguna, G. de Laguna) Latin, Literature of the Empire, Div. B (Broughton)
Greek (Kirk) Greek, Euripides (Sanders) French, 19th Century Literature, Div. A (Canu) Div. B (Pardé)	Greek (Kirk) Greek, Homer (Gifford) French, Reading and Composition, Div. A (Pardé) Div. B (Gilman) Div. C (Canu)	Greek (Kirk) Greek, Herodotus (Sanders) French, 19th Century Literature, Div. A (Canu) Div. B (Pardé)
Italian (M. G. Brown) Introduction to Government and Politics, Div. B (Fenwick) Mathematics, Calculus (Widder) Geology (Evans) Spanish Literature Medieval Art, Gothic (E. Diez) Chemistry (Mair) Physics (Huff)	Italian (M. G. Brown) Introduction to Government and Politics, Div. B (Fenwick) Mathematics, Algebra (Lehr) Geology (Evans) Spanish Composition Modern Painting—G. G. King) Chemistry (Mair)	Italian (M. G. Brown) Introduction to Government and Politics, Div. B (Fenwick) Mathematics, Calculus (Widder) Geology (Evans) Spanish Literature Medieval Art, Gothic (E. Diez) Chemistry (Mair) Physics (Huff)
English History (Robbins) International Finance (Dulles)	British Imperialism (W. R. Smith) Applied Sociology (Hart) Principles of Education (Forest) 3rd year History of Music (Alwyne) Elementary Counterpoint (Willoughby) Physics Journal Club (Huff and Barnes) Biology Journal Club (Tennent, F. Schrader, D. E. Smith)	English History (Robbins)
Social Statistics (Kingsbury)		
English Literature, 2nd year (Donnelly) English Literature of the Romantic Period (Chew) German Literature (M. Diez) History of Europe from 1763, Div. A (David) Greek Sculpture (Swindler) Physics (Barnes) Biology (F. Schrader) Econ., Hist. of Econ. Thought (M. P. Smith) Recent Philosophical Tendencies (T. de Laguna) Chemistry (Fieser)	English, Chaucer (Herben) German Reading (M. M. Diez) History of Europe from 1763, Div. A (David) Archæology, Minor Arts (Duell) Physics (Barnes) Biology (F. Schrader) Econ., Hist. of Econ. Thought (M. P. Smith) Elementary Aesthetics (G. de Laguna) Physical Chemistry (Mair) Modern French Literature (Schenck) Greek New Testament (Cadbury) Victorian Poets (Clark) Statistics (Kingsbury) Economic Geology (Evans) Geology (Billings)	English Literature, 2nd year (Donnelly) English Literature of the Romantic Period (Chew) German Literature (M. Diez) History of Europe from 1763, Div. A (David) Greek Sculpture (Swindler) Physics (Barnes) Biology (F. Schrader) Econ., Hist. of Econ. Thought (M. P. Smith) Recent Philosophical Tendencies (T. de Laguna) Chemistry (Lanman) Social Anthropology (Hart) Psychology of Childhood (Forest)
Social Anthropology (Hart) Psychology of Childhood (Forest) Sem. in Community Organization (Kingsbury, Hart), 10-12		Geology (Billings)
English Composition, 1st year (George) Spanish (Gillet) Introduction to Government and Politics, Div. A (Wells) Philosophical Problems (G. de Laguna) Ancient Architecture (Duell) Latin, Tacitus (Broughton) Italian Literature (Toglia) German (Mezger) History of the U. S. (W. R. Smith) Mental Tests (Rogers) Mathematics (Lehr) Geology (Evans) Biology (Gardiner) Life of Jesus (Cadbury) Advanced History of Music (Alwyne) Industrial Relations (Sells) Systematic Psychology Physics (Barnes)	Spanish (Gillet) Introduction to Government and Politics, Div. A (Wells) James and Bergson (T. de Laguna) Ancient Rome (Swindler) Latin Literature (Taylor) Italian Composition (M. G. Brown) German (M. M. Diez) History of the U. S. (W. R. Smith) Mental Tests (Rogers) Mathematics (Widder) Geology Laboratory (Evans) Biology Laboratory (Gardiner) French Fiction (Canu) New Testament Introduction (Cadbury) Greek Religion and Myths (Gifford) Advanced Harmony (Willoughby) Astronomy (Huff) Seminary in Social and Industrial Research (Kingsbury), 11-1	English Composition, 1st year (George) Spanish (Gillet) Introduction to Government and Politics, Div. A (Wells) Philosophical Problems (G. de Laguna) Ancient Architecture (Duell) Latin, Tacitus (Broughton) Italian Literature (Toglia) German (Mezger) History of the U. S. (W. R. Smith) Mental Tests (Rogers) Mathematics (Lehr) Geology Laboratory (Evans) Biology Laboratory (Gardiner) Life of Jesus (Cadbury) Advanced History of Music (Alwyne) Systematic Psychology Seminary in Education (Forest), 11-1 Physics (Barnes)
Latin, Literature of the Empire, Div. A (Swindler) History of Europe from 1763, Div. B (Robbins) Psychology of Instinct and Emotion (Leuba) Italian Renaissance Painting (G. G. King) Chemistry (Fieser) Greek, Sophocles (Sanders)	Latin, Roman Life, Div. A (Broughton) History of Europe from 1763, Div. B (Robbins) Psychology of Instinct and Emotion (Leuba) Art in Asia (E. Diez) Chemistry (Fieser) Greek Literature (Gifford)	Latin, Literature of the Empire, Div. A (Swindler) History of Europe from 1763, Div. B (Robbins) Psychology of Instinct and Emotion (Leuba) Italian Renaissance Painting (G. G. King) Chemistry (Fieser) Greek, Thucydides (Sanders)
English Critics (Donnelly) French Literature (Schenck)	English Drama (E. G. Clark) French, Reading and Composition, Div. A (Gilman) Div. B (Pardé)	English Critics (Donnelly) French Literature (Schenck)
Physics (Huff) Italian (Toglia) Labour Movements (Dulles) The Book of Job (Cadbury)	Physics (Huff) Italian (Toglia) Palaeontology (Evans)	Physics (Huff) Italian (Toglia) Labour Movements (Dulles) Palaeontology (Evans)

PRELIMINARY SCHEDULE OF LECTURES,

Hour	Course	Monday	Tuesday
2	LABORATORY WORK	Physics, 2nd yr. (Huff) Chemistry, 1st yr. (Fieser) Geology, 1st yr. (Evans) Biology, 2nd yr. (Gardiner)	Physics, 2nd yr. (Huff) Chemistry, 1st yr. (Fieser) Geology, 1st yr. (Evans) Biology, 2nd yr. (Gardiner)
	ADVANCED	Greek, Pindar (Sanders) French Essay (Gilman) German, Novel (M. Diez) Economics (M. P. Smith) History of Art, Oriental (E. Diez) Mathematics, Advanced Calculus (Widder)	Greek, Pindar (Sanders) French Essay (Gilman) German, Novel (M. Diez) Economics (M. P. Smith) History of Art, Oriental (E. Diez) Mathematics, Advanced Calculus (Widder)
	ELECTIVE	Harmony (Willoughby)	
	GRADUATE	Seminary in Old English (Herben), 2-4 Italian Seminary (Toglia), 2-4 Archæological Seminary (Swindler), 2-4	Seminary in English Criticism (Crandall), 2-4 Spanish Seminary (Gillet), 2-4 History Seminary (Gray), 2-4
3	LABORATORY WORK	Physics, 2nd yr. (Huff) Chemistry, 1st yr. (Fieser) Geology, 1st yr. (Evans) Biology, 2nd yr. (Gardiner)	Physics, 2nd yr. (Huff) Chemistry, 1st yr. (Fieser) Geology, 1st yr. (Evans) Biology, 2nd yr. (Gardiner)
	ADVANCED	Greek, Plato (Gifford) Latin, Mediæval Europe since 1870 (Gray) Mathematics, Geometry (Lehr)	Latin, Mediæval Europe since 1870 (Gray) Mathematics, Geometry (Lehr)
	ELECTIVE	Reading of Prose Authors (S. A. King) History and Appreciation of Music (Alwyne)	Reading of Prose Authors (S. A. King) Advanced Experimental Psychology (Helsen) History and Appreciation of Music (Alwyne)
	GRADUATE	 History of Art Seminary (G. G. King), 3-5	Greek Seminary, Attic Tragedy (Sanders), 3-4.30 Mathematics Seminary (Widder), 2-4.30
4	GRADUATE	Latin Seminary, Historiography, 4-6 English Seminary, Blake, Wordsworth, and Coleridge (Chew), 4-6. Alternate Weeks. Romance Philology Seminary (Frank), 4-6 German Seminary, Modern Drama History Journal Club (Gray, W. R. Smith, David), 4-6. Alternate Weeks. Economics and Politics Journal Club (M. P. Smith, Fenwick, Wells), 4-6. Alternate Weeks. Advanced Statistics (Hart), 4-6 Philosophy Journal Club (T. de Laguna, G. de Laguna), 4-6. Alternate Weeks. Psychology Seminary (Leuba), 4-6 Mathematics Seminary (Widder), 4-6 Orchestration (Alwyne), 4-6	Greek Journal Club (Sanders and Gifford), 4.30-6. Alternate Weeks. English Seminary, Middle English Lyric (Herben), 4.30-6 Romance Languages Journal Club (Schenck, Pardé, Frank, Canu, Gilman, Gillet, Toglia), 4.30-6. Alternate Weeks. Seminary in German Literature (M. Diez), 4.30-6. Seminary in the Bible (Cadbury), 4-6 Economics Seminary (M. P. Smith), 4-6
		Seminary in Zoology (Tennent), 4.30-6	Philosophy Seminary (T. de Laguna), 4-6 Mathematics Journal Club (Widder, Lehr, Pepper), 4.30-6. Alternate Weeks. Seminary in Music (Alwyne), 4-6 History of Art Seminary (E. Diez), 4-6 Chemistry Journal Club (Fieser, Lanman), 4-6. Alternate Weeks. Seminary in New Testament (Cadbury) Seminary in Physiology (D. E. Smith), 4.30-6
5	GRADUATE		

SECOND SEMESTER, 1928-29.

WEDNESDAY	THURSDAY	FRIDAY
<p>Chemistry, 2nd yr. (Mair)</p> <p>Greek, Sophocles (Sanders)</p> <p>French Composition (Canu) German Novel (M. Diez) Economics (M. P. Smith) History of Art, Oriental (E. Diez) Mathematics, Advanced Calculus (Widder) Biology, Embryology (Tennent)</p> <p>Harmony (Willoughby)</p> <p>Education Journal Club (Rogers, Forest), 2-4. Alternate Weeks. Seminary in Archæology (Duell), 2-4</p> <p>Geology Journal Club (— and Evans), 2.15-4.15. Alternate Weeks.</p>	<p>Psychology, 2nd yr. (Rogers) Physics, 1st yr. (Barnes) Chemistry, 2nd yr. (Mair) Geology, 2nd yr. (Billings) Biology, 1st yr. (F. Schrader)</p> <p>French Lyric Poetry (Gilman) Goethe's <i>Faust</i> (Mezger) Political Theory (Wells) Spanish Art (G. G. King) Mathematics, Algebraic Theory of Numbers</p> <p>Old Italian (Toglia)</p>	<p>Psychology, 2nd yr. (Rogers) Physics, 1st yr. (Barnes) Chemistry, 2nd yr. (Mair) Geology, 2nd yr. (Billings) Biology, 1st yr. (F. Schrader)</p> <p>Goethe's <i>Faust</i> (Mezger) Political Theory (Wells) Spanish Art (King) Mathematics, Algebraic Theory of Numbers (Pepper) Physiology (Smith)</p> <p>Greek Seminary, Homer, 2-4 English Journal Club (Donnelly, Chew, Crandall, Herben), 2.30-4. Alternate Weeks</p> <p>Seminary in Social Origins (Hart), 2-4</p>
<p>Chemistry, 2nd yr. (Mair). Biology, 2nd yr. (Gardiner)</p> <p>Greek, Plato (Gifford) Latin, Mediæval Europe since 1870 (Gray)</p> <p>Mathematics, Geometry (Lehr) Criticism (Crandall) History and Appreciation of Music (Alwyne)</p>	<p>Psychology, 2nd yr. (Rogers) Physics, 1st yr. (Barnes) Chemistry, 2nd yr. (Mair) Geology, 2nd yr. (Billings) Biology, 1st yr. (Gardiner)</p> <p>Latin, Cicero and Cæsar (Taylor) History, French Revolution (David)</p> <p>Playwriting (Clark) Rhetoric (Crandall)</p> <p>Greek Seminary, Attic Tragedy (Sanders), 3-4.30</p> <p>Mathematics Seminary (Widder), 3-4.30</p>	<p>Psychology, 2nd yr. (Rogers) Physics, 1st yr. (Barnes) Chemistry, 2nd yr. (Mair) Geology, 2nd yr. (Billings) Biology, 1st yr. (Gardiner)</p> <p>Latin, Cicero and Cæsar (Taylor) History, French Revolution (David)</p> <p>Archæology Journal Club (Swindler and Duell), 3-4.30. Alternate Weeks.</p>
<p>Latin Journal Club (Taylor, Ballou, Brough- ton), 4-6. Alternate Weeks. English Seminary, Blake, Wordsworth, and Coleridge (Chew), 4-6 Seminary in French Literature (Pardé), 4-6</p> <p>German Seminary, Modern Drama</p> <p>Social Economy Journal Club (Kingsbury, Hart, Sells), 4-6. Alternate Weeks.</p> <p>Psychology Journal Club (Leuba, Helsen, Rogers), 4-6. Alternate Weeks. Mathematics Seminary (Lehr), 4-6</p> <p>Canon and Fugue (Alwyne), 4-6</p> <p>Seminary in Zoölogy (Tennent), 4.30-6</p>	<p>English Seminary. Middle English Lyric (Herben), 4.30-6 Seminary in French Literature (Schenck), 4-6 Seminary in German Literature (M. Diez), 4.30-6</p> <p>History Seminary (David), 4-6</p> <p>Philosophy Seminary (G. de Laguna), 4-6 Seminary in Advanced Educational Psychol- ogy (Rogers), 4-6 Administration of Social Agencies (Kings- bury), 4-6 Seminary in Labour Organization, 4-6</p> <p>Journal Club in History of Art (E. Diez and G. G. King), 4-6. Alternate Weeks.</p> <p>Seminary in Physiology (D. E. Smith), 4.30-6</p>	<p>English Seminary, Milton (Donnelly), 4-6</p> <p>Politics Seminary (Fenwick), 4-6</p>

PRELIMINARY SCHEDULE OF COLLEGIATE EXAMINATIONS,

MONDAY, JANUARY 21ST.		TUESDAY, JANUARY 22ND.		WEDNESDAY, JANUARY 23RD.	
ELEMENTARY.	Hour.	FIRST YEAR.	Hour.	REQUIRED.	Hour.
Greek.....	9.00-12.00	Latin, Vergil.....	9.00-11.00	Second Year English Literature.	9.00-11.00
		Art in Asia.....	9.00-11.00		
FIRST YEAR.				FIRST YEAR.	
Greek, Plato and Sophocles....	9.00-12.15			English, Literature of Romantic	
French Literature.....	9.00-11.00	SECOND YEAR.		Period.....	9.00-11.00
Italian.....	9.00-12.00	Greek, Literature.....	9.00-11.00	German Reading.....	9.00-11.00
Mathematics, Analytical Geom.	9.00-11.00	Elizabethan Drama.....	9.00-11.00	Greek Sculpture.....	9.00-11.00
Geology.....	9.00-12.00	French Reading and Composi- tion.....	9.00-11.00	Physics.....	9.00-12.00
				Biology.....	9.00-12.00
SECOND YEAR.		ELECTIVE.		SECOND YEAR.	
Spanish, Literature.....	9.00-11.00	History and Appreciation of		Philosophy, Kant to Spencer...	9.00-11.00
Medieval Art.....	9.00-11.00	Music.....	2.00- 4.00	Politics.....	9.00-12.00
Chemistry.....	9.00-12.00	Adv. Experimental Psych.....	2.00- 4.00		
		ADVANCED.		ELECTIVE.	
ELECTIVE.		Greek, Palatine Anthology....	2.00- 4.00	Social Anthropology.....	9.00-11.00
History.....	9.00-11.00	Latin, Vergil.....	2.00- 4.00	Psychology of Childhood.....	9.00-11.00
Biology, Theoretical.....	11.00-12.15	Italian Literature.....	2.00- 4.00	Short Story.....	2.00- 4.00
		History, American Colonial....	2.00- 4.00		
ADVANCED.		Mathematics, Projective Geom- etry.....	2.00- 4.00	ADVANCED.	
Italian Composition.....	2.00- 4.00			Chemistry, Organic.....	9.00-11.00
Physics.....	9.00-11.00			Biology, Protoplasm.....	2.00- 4.00
MONDAY, JANUARY 28TH		TUESDAY, JANUARY 29TH.		WEDNESDAY, JANUARY 30TH.	
FIRST YEAR.	Hour.	FIRST YEAR.	Hour.	FIRST YEAR.	Hour.
Philosophy, Morality.....	9.00-11.00	History of Europe.....	9.00-12.00	Greek, Homer.....	9.00-11.00
Topography.....	9.00-11.00			French, Reading and Composi- tion.....	9.00-11.00
		ELECTIVE.		Mathematics, Trigonometry...	9.00-11.00
SECOND YEAR.		Argumentation.....	2.00- 4.00		
Latin Literature.....	9.00-11.00	Modern Italian Literature....	2.00- 4.00	SECOND YEAR.	
Italian, Composition.....	9.00-11.00			Spanish Composition.....	9.00-11.00
German Reading.....	9.00-11.00	ADVANCED.		Painting since Renaissance....	9.00-11.00
Mathematics, Calculus.....	9.00-11.00	French Lyric Poetry.....	2.00- 3.15		
		German Historical Grammar...	2.00- 4.00	ELECTIVE.	
ELECTIVE.		Municipal Institutions.....	2.00- 4.00	History.....	9.00-11.00
Rhetoric.....	2.00- 4.00	Applications of Calculus.....	2.00- 4.00	History.....	9.00-11.00
Biblical Literature.....	9.00-11.00	Biochemistry.....	2.00- 4.00	Applied Sociology.....	9.00-11.00
Greek Religion.....	9.00-11.00			Principles of Education.....	9.00-11.00
Psychology of Elementary Sub- jects.....	9.00-11.00			Third Year History of Music...	9.00-11.00
Advanced Harmony.....	9.00-11.00			Elementary Counterpoint.....	9.00-11.00
Astronomy.....	9.00-10.15			Physical Basis of Music.....	9.00-10.15
ADVANCED.				ADVANCED.	
Latin, Lucretius.....	2.00- 4.00			Spanish Architecture.....	2.00- 4.00
French, Drama.....	9.00-11.00				
Spanish Composition.....	2.00- 4.00				
History, Europe since 1870....	2.00- 4.00				

FIRST SEMESTER, 1928-1929

THURSDAY, JANUARY 24TH.	FRIDAY, JANUARY 25TH.	SATURDAY, JANUARY 26TH.
<p>FIRST YEAR. Hour.</p> <p>Economics, Divs. A and B..... 9.00-12.00</p> <p>ELECTIVE.</p> <p>History of Education..... 2.00- 4.00</p> <p>Harmony..... 2.00- 4.00</p> <p>ADVANCED.</p> <p>Greek, Minor Orations..... 2.00- 4.00</p> <p>French, Social Ideals..... 2.00- 4.00</p> <p>German Lyric Poetry..... 2.00- 4.00</p> <p>Economics, Social Legislation..... 2.00- 4.00</p> <p>History of Art, Oriental..... 2.00- 4.00</p> <p>Mathematics, Inter. and Approx..... 2.00- 4.00</p>	<p>FIRST YEAR. Hour.</p> <p>Latin, Literature of Republic... 2.00- 4.00</p> <p>Experimental Psychology..... 9.00-12.00</p> <p>Italian Renaissance Painting... 9.00-11.00</p> <p>Chemistry..... 9.00-12.00</p> <p>SECOND YEAR.</p> <p>Greek, Demosthenes and Aristophanes..... 9.00-12.15</p> <p>Anglo-Saxon Prose..... 9.00-11.00</p> <p>English Lit. of 17th Cent..... 9.00-11.00</p> <p>French Literature..... 9.00-11.00</p> <p>Physics..... 9.00-12.00</p> <p>ELECTIVE.</p> <p>Elements of Law..... 9.00-10.15</p> <p>Biblical Literature..... 11.00-12.15</p> <p>Labour Movements..... 2.00- 4.00</p> <p>ADVANCED.</p> <p>Greek, Sophocles..... 2.00- 3.15</p> <p>Latin, Composition..... 2.00- 4.00</p> <p>French, Composition..... 2.00- 4.00</p> <p>Biology..... 2.00- 4.00</p>	<p>ELEMENTARY. Hour.</p> <p>German..... 9.00-12.00</p> <p>REQUIRED.</p> <p>Philosophy..... 9.00-11.00</p> <p>ELECTIVE.</p> <p>English, Versification..... 2.00- 4.00</p> <p>German Reading..... 2.00- 4.00</p> <p>Philosophy, Evolution..... 11.00-12.15</p> <p>Geology, Petrography..... 2.00- 4.00</p> <p>ADVANCED.</p> <p>Latin, Lit. of Empire..... 2.00- 4.00</p> <p>Spanish Literature..... 2.00- 4.00</p>
THURSDAY, JANUARY 31ST.	FRIDAY, FEBRUARY 1ST	
<p>REQUIRED. Hour.</p> <p>First Year, English Composition 9.00-11.00</p> <p>FIRST YEAR.</p> <p>Spanish..... 9.00-12.00</p> <p>Philosophy, Ethics..... 9.00-11.00</p> <p>Ancient Architecture..... 9.00-11.00</p> <p>SECOND YEAR.</p> <p>Latin, Plautus..... 9.00-11.00</p> <p>Italian, Literature..... 9.00-11.00</p> <p>German, Literature..... 9.00-11.00</p> <p>History of the Renaissance..... 9.00-12.00</p> <p>Psychology, Social Psychology..... 9.00-12.00</p> <p>Mathematics, Anal. Geom..... 9.00-11.00</p> <p>Geology..... 9.00-12.00</p> <p>Biology..... 9.00-12.00</p> <p>ELECTIVE.</p> <p>Biblical Literature..... 9.00-11.00</p> <p>Educational Psychology..... 9.00-11.00</p> <p>Advanced History of Music..... 9.00-11.00</p> <p>ADVANCED.</p> <p>Chemistry, Inorganic..... 2.00-15.3</p>	<p>REQUIRED. Hour.</p> <p>Psychology..... 9.00-11.00</p> <p>FIRST YEAR.</p> <p>English, Shakespeare..... 9.00-11.00</p> <p>English, Critics of 19th Cent... 9.00-11.00</p> <p>German, Literature..... 9.00-11.00</p> <p>Ancient Painting..... 9.00-11.00</p> <p>SECOND YEAR.</p> <p>Social Philosophy..... 9.00-11.00</p> <p>ELECTIVE.</p> <p>Modern French Literature..... 9.00-11.00</p> <p>Biblical Literature..... 9.00-11.00</p> <p>Statistics..... 9.00-10.15</p> <p>Adv. Prin. of Education..... 9.00-10.15</p> <p>Geology, Cosmogony..... 9.00-11.00</p> <p>ADVANCED.</p> <p>German, Faust..... 2.00- 4.00</p> <p>Chemistry, Physical..... 9.00-11.00</p>	

PRELIMINARY SCHEDULES OF COLLEGIATE EXAMINATIONS,

MONDAY, MAY 20TH.		TUESDAY, MAY 21ST.		WEDNESDAY, MAY 22ND.	
FIRST YEAR. Hour. Latin, Horace..... 9.00-11.00 Art in Asia..... 9.00-11.00		GENERAL. Hour. Second Year English Literature. 9.00-11.00		FIRST YEAR. Hour. Politics, Divs. A and B..... 9.00-12.00	
SECOND YEAR. Greek, Literature..... 9.00-11.00 English, Anglo-Saxon..... 9.00-11.00 French, Reading and Composition..... 9.00-11.00		MINOR. English, Literature of Romantic Period..... 9.00-11.00 German, Literature..... 9.00-11.00 Greek Sculpture..... 9.00-11.00 Physics..... 9.00-12.00 Biology..... 9.00-12.00		ELECTIVE. English, Versification..... 9.00-11.00 History of Education..... 2.00- 4.00 Elementary Harmony..... 2.00- 4.00	
ELECTIVE. Hist. and Appreciation of Music 2.00- 4.00 Adv. Exper. Psychology..... 2.00- 4.00		SECOND YEAR. Philosophy, Recent Philosophical Tendencies..... 9.00-11.00 Economics..... 9.00-12.00		ADVANCED. Greek, Aeschylus..... 2.00- 4.00 French, Cosmopolitanism..... 2.00- 4.00 German, Lyric Poetry..... 2.00- 4.00 Economics, Social Legislation.. 2.00- 4.00 History of Art, Oriental..... 2.00- 4.00 Mathematics, Vector Analysis.. 2.00- 4.00	
ADVANCED. Greek, Sophocles..... 2.00- 4.00 Latin, Literature of Empire..... 2.00- 4.00 History, American Colonial..... 2.00- 4.00 Mathematics, Projective Geometry..... 2.00- 4.00		ELECTIVE. Social Anthropology..... 9.00-11.00 Psychology of Childhood..... 9.00-11.00 English, Short Story..... 2.00- 4.00			
		ADVANCED. Latin Prose Composition..... 2.00- 4.00 Spanish Composition..... 2.00- 4.00 Chemistry, Organic..... 9.00-11.00			
MONDAY, MAY 27TH.		TUESDAY, MAY 28TH.		WEDNESDAY, MAY 29TH.	
FIRST YEAR. Hour. History of Europe, Divs. A and B 9.00-12.00		FIRST YEAR Hour. Greek, Homer..... 9.00-11.00 French, Reading and Composition..... 9.00-11.00 Mathematics, Algebra..... 9.00-11.00		GENERAL. Hour. First Year English, Composition..... 9.00-11.00 Psychology..... 2.00- 4.00	
ELECTIVE. Argumentation..... 2.00- 4.00 Adv. Prin. of Education..... 2.00- 3.15		SECOND YEAR. Spanish, Composition..... 9.00-11.00 Painting since Renaissance..... 9.00-11.00		FIRST YEAR. Spanish..... 9.00-12.00 Philosophy, Philosophical Problems..... 9.00-11.00	
ADVANCED. French Lyric Poetry..... 2.00- 3.15 Italian Literature..... 2.00- 4.00 Goethe's <i>Faust</i> 2.00- 4.00 Municipal Institutions..... 2.00- 4.00 Applications of Calculus..... 2.00- 4.00 Biochemistry..... 2.00- 4.00		ELECTIVE. History..... 9.00-11.00 History..... 9.00-11.00 Applied Sociology..... 9.00-11.00 Principles of Education..... 9.00-11.00 Third Year History of Music..... 9.00-11.00 Elementary Counterpoint..... 9.00-11.00 Physical Basis of Music..... 9.00-10.15		SECOND YEAR. Latin, Tacitus..... 9.00-11.00 Italian, Dante..... 9.00-11.00 German, Literature..... 9.00-11.00 History of the U. S..... 9.00-12.00 Mental Tests..... 9.00-12.00 Mathematics, Calculus..... 9.00-11.00 Geology..... 9.00-12.00 Biology..... 9.00-12.00	
				ELECTIVE. Italian Literature..... 9.00-11.00 Biblical Literature..... 9.00-11.00 Adv. History of Music..... 9.00-11.00	

SECOND SEMESTER, 1928-1929

THURSDAY, MAY 23RD.	FRIDAY, MAY 24TH.	SATURDAY, MAY 25TH.
<div><div>FIRST YEAR. Hour.</div><div>Latin, Lit. of Empire..... 9.00-11.00</div><div>Psychology of Action..... 9.00-12.00</div><div>Italian, Renaissance Painting.. 9.00-11.00</div><div>Chemistry..... 9.00-12.00</div><div>SECOND YEAR.</div><div>Greek, Thucydides and Sophocles 9.00-11.00</div><div>English, Drama..... 9.00-11.00</div><div>English, Lit. of 17th Cent..... 9.00-11.00</div><div>French Literature..... 9.00-11.00</div><div>Physics..... 9.00-12.00</div><div>ELECTIVE.</div><div>Elements of Law..... 9.00-10.15</div><div>Biblical Literature..... 11.00-12.15</div><div>ADVANCED.</div><div>Greek, Prose Composition..... 2.00- 3.15</div><div>French, Composition..... 2.00- 4.00</div><div>Biology, Protoplasm..... 2.00- 4.00</div><div>Geology, Petrography..... 2.00- 4.00</div></div>	<div><div>ELEMENTARY. Hour.</div><div>German..... 9.00-12.00</div><div>REQUIRED.</div><div>Philosophy..... 9.00-11.00</div><div>ELECTIVE.</div><div>German, Elem. Reading..... 2.00- 4.00</div><div>Philosophy, Evolution..... 11.00-12.15</div><div>ADVANCED.</div><div>Spanish Literature..... 2.00- 4.00</div><div>Spanish Architecture..... 2.00- 4.00</div></div>	<div><div>FIRST YEAR. Hour.</div><div>Philosophy, James and Bergson 9.00-11.00</div><div>Ancient Rome..... 9.00-11.00</div><div>SECOND YEAR.</div><div>Latin Literature..... 9.00-11.00</div><div>Italian, Composition..... 9.00-11.00</div><div>German Reading..... 9.00-11.00</div><div>Mathematics, Differential Equations..... 9.00-11.00</div><div>ELECTIVE.</div><div>Rhetoric..... 2.00- 4.00</div><div>Biblical Literature..... 9.00-11.00</div><div>Greek Religion..... 9.00-11.00</div><div>Advanced Harmony..... 9.00-11.00</div><div>Astronomy..... 9.00-10.15</div><div>ADVANCED.</div><div>Latin, Vergil..... 2.00- 4.00</div><div>French, Drama..... 9.00-11.00</div><div>History, Europe since 1870.... 2.00- 4.00</div></div>
THURSDAY, MAY 30TH.	FRIDAY, MAY 31ST	
<div><div>FIRST YEAR. Hour.</div><div>English, Shakespeare..... 9.00-11.00</div><div>English Critics..... 9.00-11.00</div><div>German Reading..... 9.00-11.00</div><div>Minor Arts..... 9.00-11.00</div><div>SECOND YEAR.</div><div>Philosophy, Aesthetics..... 9.00-11.00</div><div>ELECTIVE.</div><div>Modern French Literature..... 9.00-11.00</div><div>Biblical Literature..... 9.00-11.00</div><div>Statistics..... 9.00-10.15</div><div>Cosmogony..... 9.00-11.00</div><div>ADVANCED.</div><div>Chemistry, Physical..... 9.00-11.00</div></div>	<div><div>ELEMENTARY. Hour.</div><div>Greek..... 9.00-10.30</div><div>FIRST YEAR.</div><div>Greek, Herodotus and Euripides 9.00-12.15</div><div>French, Literature..... 9.00-11.00</div><div>Italian..... 9.00-12.00</div><div>Mathematics, Calculus..... 9.00-11.00</div><div>Geology..... 9.00-12.00</div><div>SECOND YEAR.</div><div>Spanish Literature..... 9.00-11.00</div><div>Medieval Art, Gothic..... 9.00-11.00</div><div>Chemistry..... 9.00-12.00</div><div>ELECTIVE.</div><div>History..... 9.00-11.00</div><div>Biology, Theoretical..... 9.00-10.15</div><div>ADVANCED.</div><div>Physics..... 9.00-11.00</div><div>Chemistry, Inorganic..... 2.00- 3.15</div></div>	

BRYN MAWR COLLEGE

CALENDAR

GRADUATE COURSES

1928

BRYN MAWR, PENNSYLVANIA

Published by Bryn Mawr College

Vol. XXI. Number 3. December, 1928.

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Pennsylvania, under Act of July 16th, 1894.*

BRYN MAWR COLLEGE CALENDAR

1928

- Number 1. Announcement of Carola Woerishoffer Department.
- Number 2. Undergraduate and Graduate Courses.
- Number 3. Graduate Courses.
- Number 4. Academic Buildings and Halls of Residence,
Plans and Descriptions.

BRYN MAWR COLLEGE.

[illegible]

The forty-fifth academic year will close with the conferring of Degrees at eleven o'clock. on June 4, 1930.

COLLEGE CALENDAR

1928-29

FIRST SEMESTER

College Entrance Board Examinations begin.....	September 17
College Entrance Examinations end.....	September 21
Halls of Residence open to the entering class at 3 P. M.....	September 26
Registration of incoming students.....	September 27
Registration of students. Halls of Residence open to all students at 9 A. M.....	October 1
Examinations for advanced standing begin.....	October 1
Deferred and condition examinations begin.....	October 1
The work of the forty-fourth academic year begins at 8.45 A. M.....	October 2
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 6
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 6
Deferred and condition examinations end.....	October 6
Examinations for advanced standing end.....	October 6
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 13
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 13
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 21
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 24
Thanksgiving vacation begins at 12.45 P. M.....	November 28
Thanksgiving vacation ends at 9 A. M.....	December 3
Ph.D. Language examinations.....	December 8
Christmas vacation begins at 12.45 P. M.....	*December 21
Christmas vacation ends at 9 A. M.....	January 7
Last day of lectures.....	January 18
Half-yearly collegiate examinations begin.....	January 21
Ph.D. Language examinations.....	January 21
Collegiate examinations end.....	February 1
Annual meeting of the Alumnæ Association.....	February 2
Vacation.....	February 4

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 5
Announcement of European Fellowships.....	March 15
Mid-semester examination in matriculation Greek.....	March 19
Spring vacation begins at 12.45 P. M.....	*March 29
Spring vacation ends at 9 A. M.....	April 8

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Deferred and condition examinations begin.....	April 9
Deferred and condition examinations end.....	April 11
Ph.D. Language examinations.....	April 13
Examinations in French for Juniors.....	May 4
Examinations in German for Juniors.....	May 11
Last day of lectures.....	May 17
Collegiate examinations begin.....	May 20
Collegiate examinations end.....	May 31
Baccalaureate Sermon.....	June 2
Conferring of degrees and close of forty-fourth academic year.....	June 5

COLLEGE CALENDAR

1929-30

FIRST SEMESTER

College Entrance Board Examinations begin.....	September 16
College Entrance Board Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 25
Registration of incoming students.....	September 26
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 30
Examinations for advanced standing begin.....	September 30
Deferred and condition examinations begin.....	September 30
The work of the forty-fifth academic year begins at 8.45 A. M.....	October 1
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 5
Deferred and condition examinations end.....	October 5
Examinations for advanced standing end.....	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 20
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 23
Thanksgiving vacation begins at 12.45 P. M.....	November 27
Thanksgiving vacation ends at 9 A. M.....	December 2
Ph.D. Language examinations.....	December 7
Christmas vacation begins at 12.45 P. M.....	*December 20
Christmas vacation ends at 9 A. M.....	January 6
Last day of lectures.....	January 17
Half-yearly collegiate examinations begin.....	January 20
Ph.D. Language examinations.....	January 20
Collegiate examinations end.....	January 31
Annual meeting of the Alumni Association.....	February 1
Vacation.....	February 3

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 4
Mid-semester examination in matriculation Greek.....	March 18
Announcement of European Fellowships.....	March 21
Spring vacation begins at 12.45 P. M.....	*March 28
Spring vacation ends at 9 A. M.....	April 7
Deferred and condition examinations begin.....	April 8
Deferred and condition examinations end.....	April 10
Ph.D. Language examinations.....	April 12
Examinations in French for Juniors.....	May 3
Examinations in German for Juniors.....	May 10
Last day of lectures.....	May 16
Collegiate examinations begin.....	May 19
Collegiate examinations end.....	May 31
Baccalaureate Sermon.....	June 1
Conferring of degrees and close of forty-fifth academic year.....	June 4

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured, and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred, and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Comparative Philology and Linguistics	Philosophy
Greek	Psychology
Latin	Education
English	Classical Archæology
French	History of Art
Italian	Music
Spanish	Mathematics
German	Physics
Biblical Literature	Chemistry
History	Geology
Economics and Politics	Biology
Social Economy	

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CAROLINE McCORMICK SLADE†
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FRANCES FINCKE HAND,**
Alumnæ Director, 1925-30
MARY PEIRCE,
Alumnæ Director, 1926-31
MARGARET REEVE CARY,***
Alumnæ Director, 1927-32

ELIZABETH LEWIS OTEY,****
Alumnæ Director, 1928-33

* Mrs. William Coffin Ladd.
† Mrs. F. Louis Slade.
‡ Mrs. Henry Goddard Leach.

§ Mrs. James Foster Porter.
** Mrs. Learned Hand.
*** Mrs. C. Reed Cary.

**** Mrs. Dexter Otey.

OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1928-29

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

President's Representative for Graduate Students

EUNICE MORGAN SCHENCK, PH.D. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Assistant to the Dean

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

Wardens of the Halls of Residence

FRIEDRIKA MARGRETHA HEYL, A.B., Radnor Hall.

JOSEPHINE FISHER, A.B., Pembroke Hall (*Head*).

GRACE RHOADS, A.B., Pembroke Hall (*Assistant*).

JULIA WARD, A.B., Rockefeller Hall.

HELEN BOND CRANE, M.A., Denbigh Hall.

KATHARINE MARY PEEK, A.B., Merion Hall.

ESTHER LOWREY RHOADS, A.B., Wyndham.

Director of Halls

MARION MITCHELSON. Office: Rockefeller Hall.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Director of Physical Training and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Examining Oculist

HELEN MURPHY, M.D. Office: 1427 Spruce Street, Philadelphia.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1928-29

TEACHING

MARION EDWARDS PARK, PH.D., LL.D., *President of the College.*

A.B., Bryn Mawr College, 1898, M.A., 1899, and Ph.D., 1918. Holder of the Bryn Mawr European Fellowship, 1898-99, and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06, and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B., Cornell University, 1877; studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81; Ph.D., University of Zurich, 1882. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94; President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING, PH.D., *Dean of the College.*

A.B., Bryn Mawr College, 1915; M.A., Yale University, 1916, and Ph.D., 1924. Dean of Bryn Mawr College, 1917-19, and Acting President, 1919-20.

WILMER CAVE WRIGHT, * PH.D., *Professor of Greek.*

Shrewsbury, England. Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94, and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96.

JAMES H. LEUBA, † PH.D., *Professor of Psychology.*

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

HENRY NEVILL SANDERS, PH.D., *Alumnae Professor of Greek.*

Edinburgh, Scotland. A.B., Trinity University, Toronto, 1894, and M.A., 1897; Ph.D., Johns Hopkins University, 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902.

WILLIAM BASHFORD HUFF, PH.D., *Professor of Physics and Holder of The Marion Reilly Grant.*

A.B., University of Wisconsin, 1889; M.A., University of Chicago, 1896; Ph.D., Johns Hopkins University, 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01, and Instructor in Physics, 1901-02.

WILLIAM ROY SMITH, † PH.D., *Professor of History.*

A.B., University of Texas, 1897, and M.A., 1898; Ph.D., Columbia University, 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnae Professor of English.*

A.B., Bryn Mawr College, 1893; University of Oxford, England, and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95.

DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of the Constance Guyot Cameron Ludington Grant.*

B.S., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904, and 1912.

JAMES BARNES, PH.D., *Professor of Physics.*

Halifax, Nova Scotia. B.A., Dalhousie University, Honours in Mathematics and Physics, 1899, and M.A., 1900; Ph.D., Johns Hopkins University, 1904. Holder of 1851 Exhibition Science Research Scholarship, 1900-03; Fellow, Johns Hopkins University, 1903-04, and Instructor in Physics, 1904-06; Research Fellow, University of Manchester, 1915.

* On leave of absence for the year 1928-29.

† Granted leave of absence for the year 1929-30.

- THEODORE DE LEO DE LAGUNA, PH.D., *Professor of Philosophy*.
A.B., University of California, 1896, and M.A., 1899; Ph.D., Cornell University, 1901; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.
- MARION PARRIS SMITH,* PH.D., *Professor of Economics and Politics*.
A.B., Bryn Mawr College, 1901, and Ph.D., 1903. Graduate Student, Bryn Mawr College, 1902-03, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.
- GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Associate Professor of Philosophy*.
A.B., Cornell University, 1903, and Ph.D., 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08.
- REGINA KATHARINE CRANDALL, PH.D., *Margaret Kingsland Haskell Professor of English Composition*.
A.B., Smith College, 1890; Ph.D., University of Chicago, 1902. Graduate Student, University of Chicago, 1893-94, and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900.
- EUNICE MORGAN SCHENCK, PH.D., *Professor of French and President's Representative for Graduate Students*.
A.B., Bryn Mawr College, 1907, and Ph.D., 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10, and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble, and in Madrid, 1910-12; Dean of Bryn Mawr College, 1916-17.
- SAMUEL CLAGGETT CHEW,* PH.D., *Professor of English Literature*.
A.B., Johns Hopkins University, 1909, and Ph.D., 1913. Fellow, Johns Hopkins University, 1910-12; English Master, Hotchkiss School, Lakeville, Conn., 1913-14.
- SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research*.
A.B., College of the Pacific, 1890; M.A., Leland Stanford Jr. University, 1899; Ph.D., Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate, and Professor in Economics, Simmons College, and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15.
- GEORGIANA GODDARD KING, M.A., *Professor of the History of Art*.
A.B., Bryn Mawr College, 1896, and M.A., 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97, and Fellow in English, 1897-98; Collège de France, First Semester, 1898-99.
- REYS CARPENTER,† PH.D., *Professor of Classical Archaeology*.
A.B., Columbia University, 1909, and Ph.D., 1916; B.A., University of Oxford, 1911, and M.A., 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-11; Drieler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies in Athens, 1912-13; Absent for Military Service, 1917-19.
- CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science*.
A.B., Loyola College, 1907; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.
- HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant*.
A.B., University of Rochester, 1897; A.B., Harvard University, 1898, M.A., 1900, and Ph.D., 1907. Instructor in History, Harvard University, 1909-13, and Assistant Professor of History, 1914-15. Absent for Government Service, 1918-19.
- JAMES LLEWELLYN CRENSHAW,‡ PH.D., *Professor of Physical Chemistry*.
A.B., Centre College, 1907, and M.A., 1908; Ph.D., Princeton University, 1911. Assistant Chemist in the Geo-Physical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15. Absent for Military Service, 1917-19.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence for the years 1926-29.

‡ On leave of absence for the year 1928-29.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*
London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902.

CHARLES WENDELL DAVID, Ph.D., *Professor of European History.*
A.B., University of Oxford, 1911; M.A., University of Wisconsin, 1912; Ph.D., Harvard University, 1918; Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18.

MARCELLE PARDE, Agrégée des Lettres, Associate Professor of French.
Ecole Normale Supérieure de Sèvres, 1911-14. Teacher in the Lycée Chaumont, Haute Marne, 1915-19; Student in the Sorbonne, 1911-16; *Agrégée des lettres*, University of Paris, 1917.

FRANZ SCHRADER, Ph.D., Associate Professor of Biology.
B.S., Columbia University, 1914, and Ph.D., 1919. Scientist for the Bureau of Fisheries, Department of Commerce, Washington, D. C., 1915-16, and summer of 1917; and Pathologist, 1919 to January 31, 1921. Assistant in Zoology, Columbia University, 1918-19.

MARY HAMILTON SWINDLER, Ph.D., Associate Professor of Latin and Classical Archaeology.

A.B., University of Indiana, 1905, and M.A., 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07, and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913.

SUSAN HELEN BALLOU,* Ph.D., Associate Professor of Latin.
Ph.B., University of Chicago, 1897; Ph.D., University of Giessen, 1912. Graduate Scholar in Latin, University of Chicago, 1897-98. Assistant in Latin, 1898-1900, and Associate in Latin, 1901-07; Traveling Fellow of the Association of Collegiate Alumnae at the American School of Classical Studies, Rome, 1901-02; Student of Paleography in Rome, 1903-04, and Carnegie Research Fellow in Latin Literature, American School of Classical Studies, Rome, 1905-06; Student, Universities of Göttingen and Giessen, 1910, 1911; Instructor in Latin, University of Chicago, 1907-15; in charge of Latin Department, Michigan Western State Normal School, 1915-17; Instructor in History, University of Wisconsin, 1917-20.

HORACE ALWYNE, F.R.M.C.M., Professor of Music and Director of the Department of Theoretical Music.

Manchester, England. Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medalist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin).

ROGER HEWES WELLS, Ph.D., Associate Professor of Economics and Politics.
A.B., Northwestern University, 1916; M.A., Harvard University, 1921, and Ph.D., 1923. Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Guggenheim Fellow in Germany, 1927-28.

DAVID VERNON WIDDER, Ph.D., Associate Professor of Mathematics.

A.B., Harvard University, 1920, M.A., 1923, and Ph.D., 1924. Instructor in Mathematics, Harvard University, 1921-23; National Research Fellow, University of Chicago, 1926-27.

JOSEPH EUGENE GILLET, Ph.D., Associate Professor of Spanish.

Ph.D., University of Liège, 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; absent for Military Service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Visiting Professor, Princeton University, 1928-29 (first semester).

HORNELL HART, Ph.D., Associate Professor of Social Economy.

A.B., Oberlin College, 1910; M.A., University of Wisconsin, 1914; Ph.D., University of Iowa, 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21; Research Associate Professor in Sociology in the University of Iowa, and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24.

* On leave of absence for the year 1928-29.

AGNES LOW ROGERS, PH.D., *Professor of Education and Psychology.*

M.A., St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25.

MAX DIEZ, PH.D., *Associate Professor of German Literature.*

A.B., Washington University, 1909, and M.A., 1910. Ph.D., University of Texas, 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War Service, 1918-19; Professor of German, Centre College, 1921-25.

LOUIS FREDERICK FIESER, PH.D., *Associate Professor of Chemistry.*

A.B., Williams College, 1920; M.A., Harvard University, 1921, and Ph.D., 1924; Assistant in Chemistry, Harvard University, 1921-22; Harris Fellow in Chemistry, 1922-23; and Sheldon Travelling Fellow, and student, Universities of Frankfurt and Oxford, 1924-25.

HENRY JOEL CADBURY, PH.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.*

A.B., Haverford College, 1903; M.A., Harvard University, 1904, and Ph.D., 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26.

ERNST DIEZ, PH.D., *Associate Professor of the History of Art.*

Vienna, Austria. Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919, and Associate Professor, 1924-26.

LILY ROSS TAYLOR, PH.D., *Professor of Latin.*

A.B., University of Wisconsin, 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Latin, 1906-07, and Fellow in Latin, 1907-08; Reader and Demonstrator in Archaeology, Bryn Mawr College, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20. Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25, and Professor, 1925-27.

GRACE FRANK, A.B., *Non-resident Associate Professor of Romance Philology.*

A.B., University of Chicago, 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19.

MARGARET GILMAN, PH.D., *Associate in French.*

A.B., Bryn Mawr College, 1919, M.A., 1920, and Ph.D., 1924. Graduate Scholar in French, 1919-20, and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres, and Student, University of Paris, 1922-23.

CHARLES SPARLING EVANS, PH.D., *Associate in Geology.*

B.A.Sc., University of British Columbia, 1924; Ph.D., Princeton University, 1927. Graduate Student, Princeton University, 1924-26, and Fellow in Geology, 1926-27.

VITO G. TOGLIA, M.A., *Associate in Italian.*

A.B., Harvard University, 1912, and M.A., Columbia University, 1921. Teacher of Latin, Ancient History and Italian in secondary schools, New York City, 1912-20; Graduate Student and Instructor in Italian, Columbia University, 1920-27.

RUTH GEORGE, A.B., *Associate in English.*

A.B., Cornell University, 1911. Assistant Reader in English, Bryn Mawr College, 1911-12; Teacher in the District School, Scottsdale, Ariz., 1912-14; at Miss Madeira's School, Washington, D. C., 1915-19; at Miss Ransom and Miss Bridges' School, Piedmont, California, 1919-21, 1923-24, and 1925-27; at the Shipley School, Bryn Mawr, 1924-25.

PRENTICE DUELL, M.Arch., *Lecturer in Archaeology.*

A.B., University of California, 1916; M.Arch., Harvard University, 1923. Research in Southwest on Spanish Mission Churches, 1916-17; Absent for Military Service, 1917-19; Student, University of Pennsylvania, School of Architecture, 1919-20; Member of Expedition into Mexico for the Study of Spanish Mission Churches, 1920-21; Instructor in Architectural History, University of Illinois, 1921-22; Charles Eliot Norton Fellow from Harvard University at the American School of Classical Studies in Athens, 1923-25; Assistant Professor of History of Architecture, University of Cincinnati, 1925-26, and Professor of History of Architecture, 1926-27.

ILSE FOREST, PH.D., *Associate Professor of Education.*

B.S., Teacher's College, Columbia University, 1922; M.A., 1923; Ph.D., Columbia University, 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Teacher's College, 1925-26; Professor of Child Psychology, Iowa State Teacher's College, 1926-27.

STEPHEN JOSEPH HERBEN, PH.D., *Associate Professor of English.*

B.Litt., Rutgers University, 1920; M.A., Princeton University, 1921, and Ph.D., 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English at Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28.

FRITZ MEZGER, PH.D., *Associate Professor of Germanic Philology.*

Studied at the University of Tübingen, 1911-12; University of Munich, 1912-13; University of Geneva, 1913; University of Paris, 1913-14; University of Munich, 1919; University of Berlin, 1920-22; Ph.D., University of Berlin, 1921; Instructor in German, Harvard University, 1927-28.

ELEANOR GRACE CLARK, M.A., *Associate in English.*

A.B., Oberlin College, 1918, and M.A., 1918. Teacher of English in St. Helen's Hall, Portland, Ore., 1918-20, and in the Friends School, Moorestown, N. J., 1922-23; Graduate Student, Bryn Mawr College, 1921-24; Reader in English, 1923-24; Student, University of London, and Helene and Cecil Rubel Foundation Fellow, 1924-25. Reader in English, Bryn Mawr College, 1925-26, and Instructor, 1926-27. Graduate Scholar in English, 1927-28.

T. R. S. BROUGHTON, PH.D., *Associate in Latin.*

A.B., University of Toronto, 1921, and M.A., 1922; Ph.D., Johns Hopkins University, 1928. Student, University of Chicago, spring 1922, and 1923, and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27.

MARLAND PRATT BILLINGS, PH.D., *Associate in Geology.*

A.B., Harvard University, 1923; M.A., 1925; and Ph.D., 1927. Assistant in Geology, Harvard University, 1922-25, and Instructor in Geology, 1925-28.

ELEANOR LANSING DULLES, PH.D., *Associate in Social Economy and Social Research.*

A.B., Bryn Mawr College, 1917, and M.A., 1920; Ph.D., Radcliffe College, 1926. Relief Worker in Paris, 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gembly, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22, and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28.

JEAN M. F. CANU, *Agrégé de l'Université, Associate Professor of French.*

Paris, France. *Licencié-ès-lettres*, 1917, and *Agrégé de l'Université*, University of Paris, 1920. Professor at the Lycée of Algiers, 1920-21, at the Lycée of Beauvais, 1921-23, at the Lycée of Bordeaux, 1923-26, Laura Spelman Rockefeller Memorial Fellow, 1926-28.

HARRY HELSON, PH.D., *Associate Professor of Experimental Psychology.*

A.B., Bowdoin College, 1921; M.A., Harvard University, 1922, and Ph.D., 1924; Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28.

MARGARET MILLICENT CAREY, PH.D., *Associate in English and Assistant to the Dean.*

A.B., Bryn Mawr College, 1920; Ph.D., Johns Hopkins University, 1926. Secretary in Y. W. C. A., Baltimore, 1920-21; Graduate Student, Newnham College, Cambridge University, 1921-22; and Johns Hopkins University, 1923-26. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-23.

DOROTHEA EGLESTON SMITH, PH.D., *Lecturer in Physiology and Biochemistry.*

A.B., Radcliffe College, 1913; M.A., 1924; and Ph.D., 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27.

BEVERIDGE JAMES MAIR, PH.D., *Lecturer in Chemistry.*

B.A., University of Alberta, 1921; Ph.D., Harvard University, February, 1928. Part-time student and part-time Assistant in Chemistry, Harvard University, 1924-28.

NATALIE GIFFORD, Ph.D., *Lecturer in Greek.*

A.B., Radcliffe College, 1918; M.A., 1927, and Ph.D., 1928. Teacher in public schools, 1918-20; Student in the School of Education, Harvard University, 1920-21; Teacher in the High School, Wayland, Massachusetts, 1921-22 and 1923-24; Charles Eliot Norton Fellow, American School at Athens, 1922-23; Instructor in Greek, Smith College, 1924-26; Student at Radcliffe College, 1926-28.

LOUISE W. ADAMS HOLLAND, Ph.D., *Lecturer in Latin.*

A.B., Barnard College, 1914; M.A., 1915; Ph.D., Bryn Mawr College, 1920. Instructor in Latin, Smith College, 1918-21, and Assistant Professor of Latin, 1921-24, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27.

BARRETT H. CLARK, *Non-resident Lecturer in English.*

Student, University of Chicago, 1908-09 and 1911-12, and University of Paris, 1910. Actor and Assistant Stage Manager with Mrs. Fiske, 1912-13; Instructor in Drama, Chautauqua, New York, 1909-17; Literary Editor of Samuel French and Dramatic Editor for *Drama Magazine*.

ANNA JOHNSON PELL-WHEELER, Ph.D., *Non-resident Lecturer in Mathematics.*

A.B., University of South Dakota, 1903; M.S., University of Iowa, 1904; M.A., Radcliffe College, 1905; Ph.D., University of Chicago, 1910; Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14, and Associate Professor of Mathematics, 1914-18.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B., Oberlin College, 1912; M.A., University of Chicago, 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D.C., 1918-19; Director, Department of Research and Investigation, Women's Cooperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925-28.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B., Bryn Mawr College, 1898, and M.A., 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99, and 1904-06, and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College, and Teacher of Mathematics and Science in the Misses Shipley's School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B., Radcliffe College, 1914; M.A., University of California, 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19, and Graduate Student, 1916-17.

ABBY KIRK, A.B., *Instructor in Elementary Greek.*

A.B., Bryn Mawr College, 1892. Reader in English, Bryn Mawr College, 1892-98; Associate Principal and Teacher of English and Classics in the Misses Kirk's School, Bryn Mawr, 1899.

ERNEST WILLOUGHBY, A.R.C.M., *Instructor in Music.*

Hereford, England. A.R.C.M., London, 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society, and Hereford Musical Festival.

SALLY HUGHES SCHRADER, Ph.D., *Instructor in Biology, Semester I.*

Pacific University, 1913-15; B.S., Grinnell College, 1917; Ph.D., Columbia University, 1924; Instructor in Zoology, Grinnell College, 1918-19, and Lecturer in Zoology, Barnard College, 1920-21.

MARGUERITE LEHR, Ph.D., *Instructor in Mathematics.*

A.B., Goucher College, 1919; Ph.D., Bryn Mawr College, 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21; President's European Fellow and Fellow in Mathematics, 1921-22; Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow, and Student, University of Rome, 1923-24.

MARTHA MEYSENBERG DIEZ, M.A., *Instructor in German.*

A.B., University of Texas, 1918; M.A., Bryn Mawr College, 1928.

HORTENSE FLEXNER KING, M.A., *Instructor in English*.
A.B., University of Michigan, 1907; M.A., 1910.

MARGARET STORRS, A.B., *Instructor in English*.

A.B., Smith College, 1922. Reader in Philosophy and Psychology and Graduate Student, Bryn Mawr College, 1922-23, and Graduate Scholar in Philosophy, 1923-24; Graduate Student, University College, London, 1924-25; Non-resident Fellow in Philosophy, Bryn Mawr College, 1925-26, and Fellow by Courtesy, 1926-27.

MARY SUMMERFIELD GARDINER, Ph.D., *Instructor in Biology*.

A.B., Bryn Mawr College, 1918, M.A., 1924 and Ph.D., 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24, and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1921-24 and 1925-27; Graduate Student, University College, London, 1924-25.

MIRIAM GRUBB BROWN, A.B., *Instructor in Italian*.

A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27.

CECELIA IRENE BAECHLE, M.A., *Instructor in Education*.

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seiler School, Harrisburg, Pa., 1914, in the High School, York, Pa., 1914-19, and in the Thorne School, 1919—.

KATHARINE GARVIN, M.A., *Instructor in English*.

A.B., Oxford University, 1926, and M.A., University of Michigan, 1927. Riggs Fellow at the University of Michigan, 1926-27.

MARGARET DENT DAUDON, A.B., *Instructor in French*.

A.B., Bryn Mawr College, 1920.

RUTH J. HOFRICHTER, Ph.D., *Instructor in German*.

Ph.D., University of Heidelberg, 1921. Head of Modern Language Department, Midland College, Nebraska, 1922-25; Assistant in the German Department, University of Nebraska, 1927.

LETITIA J. H. GRIERSON, M.A., *Instructor in English*.

B.A., University of Edinburgh, 1923; and M.A., 1924. Graduate Student, University of Cambridge, 1924-26. Assistant in the English Department, Edinburgh University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28.

EDITH FINCH, M.A., *Instructor in English*.

A.B., Bryn Mawr College, 1922. B.A., Oxford University, 1924, and M.A., May, 1928. Reader in English, Bryn Mawr College, 1924-25; Student in Paris with Professor Lucien Foullet, 1925-26; Graduate Student, Bryn Mawr College, 1926-28.

MARIE H. SCHNIEDERS, A.B., *Instructor in German*.

A.B., Barnard College, 1927. Teacher, New York City High School, 1927-28.

CHARLOTTE FINKENTHAL, A.B., *Instructor in German*.

A.B., Western Reserve University, 1925. Instructor in German and French, Cleveland High School, 1925-28.

FRANCES MARGUERITE CLARKE, Ph.D., *Instructor in Education*.

A.B., Barnard College, 1924; A.M., Columbia University, 1925, and Ph.D., 1928. Graduate Student, Columbia University, 1924-25; Instructor, Bradford Academy and Junior College, 1925-26; Research Student, British Museum and Public Record Office of London, 1926, 1927; Graduate Student, Columbia University, 1926-28; Assistant in History of Education, Teachers College, 1926-28, and Instructor in History and Principles of Education, Montessori Normal School, Child Education Foundation Training School, New York, 1927-28.

HENRY HOWES PIXLEY, M.A., S.M., *Instructor in Mathematics*.

A.B., Stetson University, 1923, and M.A., 1924; S.M., Chicago University, 1927. Instructor in Mathematics, Georgia School of Technology, 1924-26; Instructor in Mathematics, Rutgers University, 1927-28.

Ivy CAROLINE ROBINS, Ph.D., *Instructor in History, Semester II*.

B.A., University of London, 1924; Ph.D., 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28.

JANET SEELEY, A.B., *Reader in Psychology*.
A.B., Bryn Mawr College, 1927.

MAUDE M. FRAME, A.B., *Reader in Philosophy*.
A.B., University of Pennsylvania, 1927.

MARGARETTA MATHILDA SALINGER, A.B., *Reader in History of Art*.
A.B., Bryn Mawr College, 1928.

CHARLOTTE EDNA WEBSTER, M.A., *Demonstrator in Geology*.
A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar in Geology and Assistant in Geology, Oberlin College, 1926-28.

JANE FRANCES FAISSLER, A.B., *Demonstrator in Psychology*.
A.B., University of Illinois, 1926. Scholar in Psychology, Bryn Mawr College, 1926-27, and Fellow in Psychology, 1927-28.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication*.
A.B., Bryn Mawr College, 1905.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College*.
A.B., University of Toronto, 1912; B.Sc., Simmons College, 1917.

DOROTHY MACDONALD, A.B., *Assistant to the President*.
A.B., Bryn Mawr College, 1917.

MARGARET MILLICENT CAREY, Ph.D., *Assistant to the Dean*.
A.B., Bryn Mawr College, 1920; Ph.D., Johns Hopkins University, 1926. Secretary in Y. W. C. A., Baltimore, 1920-21; Graduate Student, Newnham College, Cambridge University, 1921-22; and Johns Hopkins University, 1923-26. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-23.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian*.
A.B., University of Illinois, 1909; B.L.S., New York State Library School, 1904. Librarian, The Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12.

MARY LOUISE TERRIEN, A.B., *Circulation and Reference Librarian*.
A.B., Smith College, 1905. Simmons College Library School, Boston, Mass., 1914-15.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer*.
A.B., Radcliffe College, 1905; B.S., Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28.

MAE EDNA LITZENBERGER, A.B., B.S., *Assistant Cataloguer*.
A.B., Mount Holyoke College, 1924; B.S., Simmons College, 1925.

MAUDE LOIS HASKELL, A.B., B.S., *Assistant Cataloguer*.
A.B., Mount Union College, 1927; B.S. in L.S., School of Library Science, Western Reserve University, 1928.

EDITH ARMSTRONG WRIGHT, A.B., B.S., *Assistant to the Circulation and Reference Librarian*.
A.B., Mount Holyoke College, 1927, B.S. in L.S., Drexel Institute, 1928.

DEPARTMENT OF PHYSICAL TRAINING

JOSEPHINE PETTS, *Director of Physical Training*.
Graduate of the Department of Hygiene and Physical Education, Wellesley, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28.

JANET SEELEY, A.B., *Assistant to the Director of Physical Training*.
A.B., Bryn Mawr College, 1927.

MARNA V. BRADY, M.A., *Assistant to the Director of Physical Training*.
B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; and Columbia University, summer, 1928.

ELLEN PETTS, *Assistant to the Director of Physical Training*.

HALLS OF RESIDENCE

FRIEDRIKA MARGRETHE HEYL, A.B., *Warden of Radnor Hall.*

A.B., Bryn Mawr College, 1899. Teacher of German and Student, State Normal School, Fredonia, N. Y., 1899-1900; Teacher in the Balliol School, Utica, N. Y., 1900-01, and Secretary, 1901-08; Warden of Merion Hall, Bryn Mawr College, 1908-10; Assistant to the Dean of Women, Michigan Agricultural College, 1916-18; Secretary to the Adviser of Women, Cornell University, 1918-20.

JOSEPHINE McCULLOCH FISHER, A.B., *Head Warden of Pembroke Hall.*

A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27.

KATHERINE MARY PEEK, A.B., *Warden of Merion Hall.*

A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, 1925-27.

ESTHER LOWREY RHOADS, A.B., *Warden of Wyndham.*

A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager of the *Alumnae Bulletin* and Graduate Student, Bryn Mawr College, 1924-26. Student in Paris, 1926-27.

HELEN BOND CRANE, M.A., *Warden of Denbigh Hall.*

A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Student, National School of the Young Woman's Christian Association, New York City, 1912; Associate Educational Secretary, Student Volunteer Movement, 1919-24; Research with graduate student at Harvard for a thesis on "Obstacles to Economic Progress in China," and Editorial Work, 1926-28.

JULIA WARD, A.B., *Warden of Rockefeller Hall.*

A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27. Warden of East House, 1924-25; of Rockefeller Hall, 1925-27. Holder of Fanny Bullock Workman European Fellowship, 1927-28.

GRACE EVANS RHOADS, A.B., *Assistant Warden of Pembroke Hall.*

A.B., Bryn Mawr College, 1922. Teacher of English, Wilmington Friends' School, Wilmington, Del., 1926-27. Graduate Student in Education, Columbia Teachers' College, summer, 1923, and at the University of Geneva (Institute of Higher International Studies), Geneva, 1927-28.

HEALTH DEPARTMENT

HELEN TAFT MANNING, PH.D., *Head of Health Department.*

MARION EDWARDS PARK, PH.D., *Ex-officio.*

THOMAS F. BRANSON, M.D., *Physician-in-Chief.*

A.B., Haverford College, 1889; M.D., University of Pennsylvania, 1892. Attending Physician, Bryn Mawr Hospital.

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B., Bryn Mawr College, 1918; M.D., University of Pennsylvania, 1922. Interne, Philadelphia General Hospital, 1920-24.

JOSEPHINE PETTS, *Director of Physical Education.*

HELEN MURPHY, M.D., *Examining Oculist.*

M.D., Woman's Medical College of Pennsylvania, 1893. Assistant Demonstrator in Histology, Woman's Medical College of Pennsylvania, 1894-96; Instructor in Materia Medica, 1896-1902; Instructor in Diseases of the Eye, Philadelphia Polyclinic and College for Graduates in Medicine, 1895-97.

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

MARION MITCHELSON, *Director of Halls.*

Hall Manager, Pembroke Hall, Bryn Mawr College, 1923-28.

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

PHEBE ANNA THORNE SCHOOL

1928-29

AGNES LOW ROGERS, Ph.D., *Director.*

M.A., St. Andrews University, Scotland, 1908; Ph.D., Columbia University, 1917. Graduate in Honours, Moral Science Tripos, University of Cambridge, 1911; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow and Assistant in Philosophy of Education, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25. Professor of Education and Psychology, Bryn Mawr College.

FRANCES BROWNE, A.B., *Head Mistress.*

A.B., Bryn Mawr College, 1909. Teacher, Organic School for Education, Fairhope, Ala., 1913-14; Phebe Anna Thorne School, 1914-15, City and Country School, New York City, 1915-19, Primary School, Cleveland, O., 1921-22, and Head of the Frances Browne School, New York City, 1922-23.

CECELIA IRENE BAECHELE, M.A., *Assistant Head Mistress and Head of the English Department.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seiler School, Harrisburg, Pa., 1914, and in the High School, York, Pa., 1914-19.

MARY KATHARINE WOODWORTH, M.A., *Assistant Teacher of English.*

A.B., Bryn Mawr College, 1924, and M.A., 1927. Student, Johns Hopkins University, and Teacher of English, Bryn Mawr School, Baltimore, 1924-25. Graduate Student in English, Bryn Mawr College, 1925-27.

CHEVES WEST PERKY, Ph.D., *Teacher of Painting, Drawing, Modeling and Crafts.*

B.S., Teachers College, New York City, 1901. Teacher in Horace Mann School, 1901-02; Teacher in St. Agnes' School, Albany, N. Y., 1902-04; Student, Cornell University, 1904-08, and Ph.D., 1918; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25.

ANNIE BRAME, M.A., *Teacher of Mathematics and Physics.*

A.B., Randolph-Macon Woman's College, 1914. M.A., Columbia University, 1925. Student, University of Virginia, summers 1916, 1920; Columbia University, summer 1923; winter 1924-25. Teacher in the High School, Camden, Ark., 1914-18; High School, Texarkana, Ark., 1918-19; High School, Lexington, Va., 1919-24; High School, Succasunna, N. J., 1925-26.

CHARLOTTE ERWIN RENSHAW, *Teacher in Primary Department.*

Kindergarten and Primary Certificate, Wheelock Training School, Boston, Mass., 1925.

MARGARET R. REINHOLD, A.B., *Assistant Teacher of Arithmetic.*

A.B., Sweet Briar College, 1926. Student, University of Pennsylvania, summer, 1926. Graduate Student, Bryn Mawr College, 1927-28.

PAULINE S. RELYEA, A.B., *Teacher of History.*

A.B., Smith College, 1924. Teacher in the Easthampton High School, Easthampton, Mass., 1924-26; Reader in American History, Smith College, 1925-26; Teacher in the Rome Senior High School, Rome, N. Y., 1926-27.

SAMUEL ARTHUR KING, M.A., *Teacher of Reading.*

London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College.

HENRIETTA WAGNER HORTER, *Teacher of Music.*

Teacher of Music and Assistant Director, Leschetizky School of Music, Philadelphia, 1921-25.

EVE ALGER BRILL, B.S., *Teacher of the Pre-School Class.*

B.S., Teachers College, Columbia University, 1928. Student, Ursinus College, 1922-24; Pennsylvania School of Social and Health work, 1925-27; Teachers College, Nursery School Department, Columbia University, 1927-28. Case Worker, Family Society of Philadelphia, 1925-27.

EVALYN M. PAXSON, A.B., *Assistant Teacher of Class I.*

A.B., Vassar College, 1924; Graduate Student, University of Pennsylvania, summer of 1924. Teacher of Third Grade, Germantown Friends' School, 1924-26, and of Fourth Grade, 1927-28.

JEANNE MARIE LOUISE CHARLES, *Baccalauréat, Teacher of French.*

Baccalauréat Latin—Langues Vivantes, Sorbonne, 1922, and Philosophie, 1924; Brevet d'enseignement de l'Académie de Paris, 1918; Ecole de Droit, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28.

MARGARET DENT DAUDON, A.B., *Teacher of French.*

A.B. Bryn Mawr College, 1920.

DOROTHY ELLENE ILLSLEY, *Primary Teacher.*

Student, Provincial Normal College, Truro, Nova Scotia, 1917, North Sydney School, Nova Scotia, 1918-23, and Port Williams School, Nova Scotia, 1925-27. Graduate Student in Primary Education, Columbia University, summer, 1928.

GERTRUDE E. MALZ, Ph.D., *Teacher of Latin.*

A.B., Swarthmore College, 1923; M.A., University of Wisconsin, 1924, and Ph.D., 1928; Assistant in Latin, University of Wisconsin, 1924-25; Instructor in Latin, University of Cincinnati, 1925-26; Fellow in Greek, University of Wisconsin, 1926-28.

LILY DALLAN TOWNSEND, *Teacher of Geography.*

Student, Hollins College, Va., 1906; Teacher of Dramatics and Physical Education, Miss Ellet's School (now St. Catherine's School), Richmond, Va., 1906-10; Teacher of English and Fourth Grade, Springside School, Chestnut Hill, Pa., 1918-21; Director of the Garden Country Day School, Long Island, N. Y., 1923-25.

DORIS WULF, A.B., *Teacher of Eurhythmics.*

A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute, Geneva, Switzerland, 1928.

JOSEPHINE TOWNSEND MILLER, *Teacher of the Connecting Class.*

Primary Assistant and Office Assistant, The Phebe Anna Thorne School, 1924-25, 1926-28.

MARGARETTA C. FRETZ, *Teacher in the Primary School.*

Graduate, Miss Wheelock's Training School, Boston, 1925; Student in London County Council School and University of London, 1927-28. Teacher of History, Miss Wheelock's Training School, 1925-27. Teacher of work in the primary grades, Miss Wheelock's Training School, 1925-26.

RUTH M. COLLINS, A.B., *Apprentice Teacher in English.*

A.B., Mills College, 1927. Graduate Student, University of California, 1927-28.

JOSEPHINE PETTS, *Teacher of Gymnastics and Sports and Games.*

Graduate of Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Central School of Hygiene and Physical Education, New York, 1919-22; Teachers College, Columbia University, 1922-28.

JANET SEELEY, A.B., *Gymnasium Assistant.*

A.B., Bryn Mawr College, 1927.

MARNA V. BRADY, M.A., *Gymnasium Assistant.*

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; Columbia University, summer, 1928.

JOHN MCK. MITCHELL, M.D., *Physician of the Thorne School.*

B.A., Trinity, 1920. M.D., Yale University, 1924. Instructor in Pediatrics, Yale University School of Medicine and Resident in Pediatrics, New Haven Hospital, 1925-26. Instructor in Pediatrics, University of Pennsylvania School of Medicine, 1927—. Assistant Visiting Pediatrician, University of Pennsylvania Hospital, 1927—.

E. LOUISE HAMILTON, Ph.D., *Assistant Director of the Educational Clinic.*

B.S., Cincinnati College for Women, 1925; M.A., Columbia University, 1926; and Ph.D., 1928. Graduate Student, Columbia University, 1925-28; and Assistant in Psychology, 1926-27. Clinical Psychologist, N. Y. Post-Graduate Hospital, 1927-28.

HELEN MAITLAND WEBB, *Secretary of the Thorne School.*

Registrar, Northwood School, Lake Placid Club, N. Y., 1926-28.

DOROTHY E. LUTZ, *Assistant in the Offices of the Thorne School.*

THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. Bryn Mawr, being small, offers special opportunities to its graduate students for the working out of research problems in small seminars under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred, and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy, and certain courses may be pursued for one or two years and offered as one of the two minor or secondary subjects.

Admission

Graduate Students

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

Graduates of Bryn Mawr College, and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the graduate school.

Fellows and Scholars

The most distinguished place in the graduate school is held by the fellows and graduate scholars, who must reside in the college during the academic year. Four European fellowships, two resident or non-resident fellowships, twenty-four resident fellowships and twenty-nine graduate scholarships are offered annually.

Residence

Residence in the college buildings for graduate students is optional except for holders of resident fellowships and scholarships. Those who do not reside in the college buildings are expected to make arrangements which are satisfactory to the college. No student may live in the Halls of Residence who does not register for a course or research work amounting to at least a two-hour lecture or seminary course, but those who wish to take five hours a week of lectures or less may live in the College halls on the understanding that they must give up their rooms if needed for students who are taking the full amount of graduate work and paying the regular tuition fee. Former students returning to write a dissertation or to do research work are required to register and to pay the minimum fee of eighteen dollars a semester if they wish to make use of the library and seminary rooms. In each hall of residence, except Merion Hall, a special wing or corridor is reserved for graduate students. Every student has a separate bedroom. Room-rent includes all expenses of furnishing, service, heating and light.

*Residence
for
Graduate
Students*

Plans and descriptions of the academic buildings and halls of residence with information regarding the charges for rooms are published as Part 4 of the Bryn Mawr College Calendar.

Application for rooms must be made as early as possible. The demand for graduate rooms is very great, and since reserving a room unnecessarily may prevent some other student from entering the college, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the College in the year for which the room is reserved, the amount of the deposit is deducted from the first College bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the College. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract, which will be sent on application, and return it with the fee of fifteen dollars to the Secretary and Registrar of the College. A deposit of fifteen dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before May first of the current year.

*Application
for Rooms*

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensu-

ing academic year is received by the Secretary and Registrar of the College by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Rooms Any student who changes her room is required to pay an extra fee of fifteen dollars.

Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

Board The charge for board is four hundred dollars a year, one half being payable on registration and the other half at the beginning of the second semester.

In case of prolonged illness and absence from the College extending over six weeks or more, there will be a proportionate reduction in charge for board.

Board Accommodation for Vacations Accommodation is provided for graduate students who wish to remain at the College during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the College halls are closed, but accommodation may be obtained near the College campus. At Easter graduate students may occupy their own rooms in the halls of residence at the above rate. Any student remaining in Bryn Mawr or nearby and not in the College or in her own home for all or part of the vacation must make arrangements satisfactory to the President.

College Regulation The College reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

Expenses

Expenses of Graduate Students

Tuition for the semester, payable on registration:	
For one hour* a week of lectures.....	\$18.00
For two hours a week of lectures.....	36.00
For three hours a week of lectures.....	48.00
For four or five hours a week of lectures.....	65.00
For six or more hours a week of lectures.....	100.00
Room-rent for the academic year, payable on registration.....	100.00
Board for the semester, payable on registration.....	200.00

* The fees charged are reckoned on the basis of the actual hours of conference or lecture irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

Summary of total expenses for the academic year:

Tuition fee, for six or more hours a week of lectures.....	200.00
Room-rent.....	100.00
Board.....	400.00
Infirmary fee*.....	10.00
Athletic fee.....	3.50

Total for tuition, residence, athletic fee, and infirmary fee
for the academic year..... \$713.50

Laboratory fees for the academic year (additional).....\$12 to \$43

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

The tuition fee for the semester becomes due as soon as the student is registered in the College office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the College must register immediately at the Comptroller's office, and must register her courses at the President's office within two weeks after entrance. Any change made later in the courses registered must be reported immediately to the President's office, or the courses will not be permitted to count, and a charge of one dollar will be made for each change made in the course after it has been definitely registered.

*Tuition
Fee*

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

Laboratory Fees

In counting the number of hours for which a graduate is registered the following special arrangements are made in regard to laboratory courses: payment for a one hour lecture course in a scientific department entitles the student to four hours of laboratory work in addition with no extra charge except the laboratory fee. Students registered for laboratory work only, are charged the following tuition fee: for each two and one-half hours of undergraduate laboratory course and for each five hours of graduate laboratory course the same fee as for one hour lecture course. The laboratory fees as stated below are charged in addition to the charge for tuition.

*Laboratory
Fees*

Graduate students taking courses in scientific departments (Physics, Chemistry, Geology, Biology, and Psychology) amounting to six or more hours a week of lecture courses or its equivalent in laboratory courses are charged a laboratory fee of twenty-one dollars and fifty cents a semester with the following exceptions: if the student takes, as a regular student, courses in subjects not enumerated above amounting to six hours a week

* This fee entitles the student to two days (not necessarily consecutive) resident care in the Infirmary and to consultations with the College Physician during her office hours.

the laboratory fee is reduced to fifteen dollars a semester; and if she takes, as a regular student, courses in subjects not enumerated above amounting to ten hours a week the laboratory fee is reduced to seven dollars and a half a semester.

Graduate students taking less than six hours a week of lectures, or its equivalent in laboratory work, and graduate students taking one undergraduate laboratory course only are charged a laboratory fee of fifteen dollars a semester for every laboratory course of four or more hours a week, and of seven dollars and fifty cents a semester for every laboratory course of less than four hours a week.

In courses in Geology each hour of field work counts as one hour of laboratory work.

All graduate students, including Fellows and Scholars, taking two courses or a course which requires field work in the Department of Social Economy and Social Research are charged a laboratory fee of ten dollars a semester, and may also be required to provide themselves with two fifty-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each, and to meet their traveling and incidental expenses while working in the field during the semester and vacations. The fee for the certificate is ten dollars, and all Fellows and Scholars are expected to complete work for a certificate and are charged the ten dollars certificate fee.

The fee for laboratory courses in Experimental Psychology, Education, and Educational Psychology for graduate students is six dollars a semester.

Infirmary Fees

The Infirmary fee is ten dollars for each resident graduate student. Payment of this fee entitles each graduate student to care in the infirmary for two days during the year, with attendance by the college physicians, and, if the illness is not contagious, to nursing. In the event of an illness of longer duration and of all contagious illnesses the student must meet or, in the case of two or more students with the same contagious disease, share the expenses of a special nurse, the infirmary fees, and any hospital or sanitarium charges, should removal from the college be ordered by the Physician in Chief.

A special nurse for one student is \$14.30 a day or \$100.10 a week, which includes nurse's fee, board and laundry, and the student's infirmary fee. In contagious cases the fee is \$15.30 a day or \$107.10 a week. The infirmary fee for the student is \$6.00 a day, which includes nursing, provided that one of the college nurses is able to care for her.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the College.

DEPARTMENT OF HEALTH

Health

A Health Committee consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Director of Physical Training, the Physicians of the College, and the Wardens has charge of the health of the students.

The department of health requires that every student file with the Chairman a certificate of a recent medical examination signed by the student's physician.

A certificate of vaccination within one year of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

All entering resident graduate students are required to have a medical, physical and oculist's examination and to follow the health directions of the physicians of the college which will be given them after the examination; those who are reported by the physicians of the college as suffering from uncorrected eye trouble will be expected to take the necessary measures to correct it.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the Resident Physician without charge at her office in the college Infirmary from 8.30-9.30 A. M. from Monday to Friday, Saturday from 12-1.00 P. M., and Sunday by appointment only.

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not purely academic or affecting the management of the halls of residence or the student body as a whole. All persons studying in the graduate school are members of this association. A room in Denbigh Hall is set apart by the College to be used as a club-room and informal meetings and social gatherings are frequently held there.

*Graduate
Association*

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The Degree of Master of Arts

The degree of Master of Arts will be in no case conferred by the College as an honorary degree, but only upon the completion of the following requirements:

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before May 1st of the year preceding that in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the Committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

Requirements for the Degree of Master of Arts

(a) *Admission to courses.*

Preliminary training equivalent to the Bryn Mawr College undergraduate Major* in the subject of the course is required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. The candidate must, however, have taken the equivalent of a Major in some subject.

(b) *Knowledge of Literature.*

A candidate is required to present credits for ten semester hours of undergraduate work in Literature, at least five of which must be English Literature. In case of failure to do so she will be required by the Committee on Graduate Students to make up her deficiencies.

* This amounts to 20 semester hours, but in English to 32 semester hours, and in philosophy and psychology to 24 hours of undergraduate college training.

(c) *Knowledge of Philosophy, Psychology, Laboratory Sciences, or Mathematics.*

A candidate is required to present credits for eighteen semester hours of undergraduate work in two or more of the following subjects: Philosophy, Psychology, Laboratory Science (i.e., Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than ten semester hours may be in any one of these subjects, and eighteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the Committee, at least six semester hours of laboratory science, which may be counted in the above eighteen hours.

(d) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(e) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(f) *Knowledge of English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

Deficiencies in preliminary requirements may not be made up later than the last year in which courses are taken for the degree.

REQUIREMENTS

Requirements for the Degree of Master of Arts

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses; but five hours of advanced undergraduate work* may be substituted for one of them.† To fulfill this requirement, therefore, the student must devote her entire time for one year to graduate study. Any serious deficiency in the preliminary requirements will make it impossible to complete the work for the degree in one year.

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

The Degree of Doctor of Philosophy and Master of Arts

The degree of Doctor of Philosophy and Master of Arts‡ will in no case be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

Before an applicant for the degree of Ph.D. can be accepted as a candidate she must submit to the Committee on Graduate Students in writing§ an account of her general preparation, stating in particular the extent of her knowledge of French, German, and Latin, and also the subjects she wishes to offer as Major and Minors for the degree, and the amount and character of her previous work in these subjects. If this statement is satisfactory she will be registered as a candidate. If the candidate's preparation is found by the Committee on Graduate Students to be in any way insufficient she shall be required to undertake suitable extra work.

REQUIREMENTS

Requirements for the Degree of Doctor of Philosophy and Master of Arts

1. *Time.*—The candidate shall devote to graduate work at least the equivalent of three full years. This minimum will usually be exceeded.

2. *Residence.*—Two full years of work in residence at Bryn Mawr are required. The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the Committee may accept work done under direction of scholars not directly connected with a college or university.

* In departments having required general courses, second year courses may be taken as advanced courses, provided the Committee on Graduate Students be satisfied that the courses in question are the equivalent of advanced courses in respect to the subject of the courses and the methods pursued.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ This is the form in which the degree has always been conferred.

§ Using the application blank issued by the Committee on Graduate Students.

3. *Subjects.*—The course of study shall consist of one principal and one or two subordinate subjects, and shall be divided between at least two departments. The principal subject is known as the Major. When there are two subordinate subjects, one shall be in the same department as the Major or in a closely allied department, and is known as the Associated Minor, and the other shall be in a different department from the Major, and is known as the Independent Minor. When there is one subordinate subject it may be (a) the Independent Minor alone, in which case the Associated Minor and the Major are in the same subject, or (b) equivalent to both the Independent Minor and the Associated Minor, in which case it is known as a Double Minor. A list of all the approved combinations of Majors and Minors has been issued by the Academic Council, and no combination not on this approved list shall be allowed without special action of the Council, except that in the case of Independent Minors the Committee on Graduate Students has the power to accept a subject in a combination not on the approved list, such action, when taken, to be reported to the Council.

4. *Courses.*—Subject to the exception stated below, eight unit graduate courses or Seminaries are required for the Ph.D. degree. A unit graduate course or Seminary requires approximately one-third of a student's time for one year, so that three such courses will represent full-time work. Students are not permitted to register for more work than this.

*Graduate
Courses or
Seminaries*

Some courses are offered which require less than one-third of a student's time, and these count as proportionate parts of a unit course. When work done elsewhere is offered in partial fulfilment of the requirements for the degree at Bryn Mawr, the Committee on Graduate Students shall determine the equivalent of such work in terms of unit graduate courses at Bryn Mawr.

Of the eight courses required, six shall be in the Major and Associated Minor and two in the Independent Minor. The division of courses between the Major and Associated Minor, whether these are in the same or different departments, shall be subject to the approval of the Supervising Committee. If the Associated Minor and Independent Minor are in the same department, not less than four courses shall be taken in the major subject.

While the eight graduate courses required are understood to be organized courses, as announced in the Calendar, the department in which a candidate's major work is being done may, at its discretion, direct that other work shall be substituted for one of them. This substitution may be in the Major or in one of the Minors. Work thus substituted for a regular course may not be work upon the dissertation, except in the departments of laboratory science, viz., Physics, Chemistry, Geology, Biology, and Experimental Psychology. Such work must be covered in one of the examinations regularly provided or by a special examination or report. It shall be registered at the Office of the President and at the time of registration its character and the way in which it is to be tested shall be indicated. When, under this option, only one graduate course is taken

in the Independent Minor, no mention of the Independent Minor shall be made in the diploma.

If a student's complete work in any one department exceeds two courses it may not be taken with a single instructor, except with the permission of the Committee on Graduate Students.

No undergraduate courses shall count towards the Ph.D. degree, even though a candidate may be obliged to take such courses in order to supplement her preparation in her subjects, except certain advanced courses in science recognized by the Committee on Graduate Students as equivalent to graduate courses in virtue of assigned supplementary reading or laboratory work or both. Such assigned supplementary reading or laboratory work shall be reported in writing by the instructor to the Committee on Graduate Students so as to indicate in what respect the course differs from undergraduate work.

All graduate courses must be completed before the Final Examination.

*Journal
Clubs*

Journal Clubs.—Every candidate takes part in the work of three Journal Clubs, two in her Major, and one in her Associated Minor; but candidates who are in residence for only two years may omit one of the three. Departments may, however, require participation in Journal Clubs on the part of all students who are pursuing the work as a Major.

*Oral
Examina-
tions*

5. *Tests in French, German, English, and Latin.*—Every candidate must pass in the presence of the Committee on Graduate Students an oral examination in the reading at sight of such French and German as it will be necessary for her to read in the course of her work in the major subject. These examinations shall be taken as soon after registration as possible; in any case not later than one calendar year* before the date of the Final Examination.† Any department so desiring may, however, require the passing of these examinations at an earlier point in the student's course. In case of failure, the Committee on Graduate Students may allow a second trial, but not later than an early date in the academic year in which the candidate is to complete the requirements for the degree. If the candidate's Major or Minor is modern French or German she will be excused from the corresponding test.

Every candidate must be able to write clear and correct English, and may be required to furnish to the Committee on Graduate Students satisfactory evidence of such ability. The candidate may also be required to give evidence that she has some knowledge of Latin.

Dissertation

6. *Dissertation.*—The candidate shall present a dissertation which must be the result of independent investigation in the field covered by the major subject. It must contain new results, arguments or conclusions or it must present accepted results in a new light. It must be published within

* The Committee on Graduate Students regularly offers these examinations on the first Saturday after the Thanksgiving vacation, on the first day of the Mid-Year Examination period, and on the first Saturday after the Spring Vacation.

† Language examinations in French and German for the Ph.D. degree may be taken in the autumn of the year in which the student applies for the degree provided she has been abroad the preceding year and therefore unable to present herself for examination.

three years from the Commencement after the candidate has passed the Final Examination (unless a special extension of time is granted by the Committee on Graduate Students), and 150* copies must be supplied to the College (addressed to the President's Office). The candidate shall not be entitled to use the degree until her dissertation shall have been published in approved form.

7. *Examinations.*—The progress and attainments of the candidate shall be tested by examinations and certified, as specified in the printed regulations.

Examinations

COURSE OF STUDY

Graduate courses, which are open only to Graduate Students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archæology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

Graduate Courses

Advanced undergraduate courses to which graduate students are admitted are offered in all departments.

REGULATIONS

Lists of approved associated and independent minors for all departments will be found in the Regulations of the Academic Council.

Regulations

Books needed by the Graduate Students are collected in the Seminary library of each department.

Comparative Philology and Linguistics

This department is under the joint direction of the Professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an independent Minor, but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of Major work, may take any of the courses listed below and count them as a part of their philology in the Major Department. Undergraduate preparation entitling to graduate work in any of the language departments will entitle to work in this department.

The following courses are offered:

Introduction to Indo-European Linguistics: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1929-30)

* Two of these must be bound in a specified manner for use in the Library.

After a general introduction to linguistic science, the relations of the principal languages of the Indo-European group will be studied with respect to sounds, inflection, syntax and word-formation. One dialect (preferably Lithuanian or Church Slavonic) will be dealt with more closely.

Elementary Sanskrit: Dr. Mezger. *Two hours a week throughout the year.*
(Given in 1930-31)

Study of Sanskrit grammar on a comparative basis. Reading of classical and Vedic texts.

Old and Middle Irish: Dr. Mezger. *Two hours a week throughout the year.*
(Given in 1930-31)

Comparative grammar of Old Irish. Interpretation of texts. For students of comparative philology or such as want to read the tales of the Cuchulinn and Finn cycles.

Old and Middle Welsh: Dr. Mezger.
One or two hours a week throughout the year.
(Given in 1930-31)

Comparative grammar. Reading of the Mabinogion.

Historical Grammar of Greek and Latin: Dr. Broughton.
Two hours a week throughout the year.
(Given in 1930-31)

A study of the development of sounds and forms of Greek and Latin. Introduction to the study of Greek and Italic dialects.

Graduate Courses

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English. *Two hours a week throughout the year.*
Middle English. *Two hours a week throughout the year.*
English Historical Grammar. *Two hours a week throughout the year.*

ROMANCE PHILOLOGY

Introduction to Old French Philology. *Two hours a week throughout the year.*
Old Italian. *Two hours a week throughout the year.*
Spanish Philology and Old Spanish Readings. *Two hours a week throughout the year.*

GERMANIC PHILOLOGY

Introduction to Germanic Philology. *Two hours a week throughout the year.*
Gothic. *Two hours a week during the first semester.*
Old Norse. *Two hours a week through one semester.*
Old Saxon and Old Frisian. *Two hours a week during the second semester.*
Old High German. *Two hours a week during the first semester.*
Germanic Metrics and German Style. *One hour a week throughout the year.*
Seminary in Germanic Philology. *Two hours a week throughout the year.*

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.
 WILMER CAVE WRIGHT,* Ph.D.
 LECTURER: NATALIE GIFFORD, Ph.D.

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators, and Historians, and the Homeric Question, Plato, Aristophanes and Greek Sophists, in order that they may be taken in consecutive years. Students electing Greek as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Greek be also elected as the associated minor the candidate must offer two seminars and the journal club for three years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department, and reports on this reading are from time to time required of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archaeology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see pages 162 and 163.

*Graduate
Courses*

Greek Seminary: Dr. Sanders.

Three hours a week throughout the year.

(Given in each year)

1928-29: Greek Orators.

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax, and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Isæus, Æschines, Hyperides, and Demosthenes. The classical library is well equipped with works on the orators.

1929-30: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

1930-31: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature.

* On leave of absence for the year 1928-1929.

Greek Seminary: Dr. Wright.

*Two hours a week throughout the year.**(Not given in 1928-29)*

1929-30: Aristophanes.

The aim of the seminary is to make the students familiar with the more important Aristophanic literature up to the present day. Portions of the text are interpreted by the class and reports on assigned topics, literary, historical, and archaeological, connected with the plays are expected from all the members. All the comedies of Aristophanes are read in the course of the year; lectures are given by the instructor on the metres and syntax of Aristophanes, on the dramatic structure of the plays and on the history of Attic comedy. Part of the work consists of analyses of dissertations on Aristophanes which are presented by members of the class. Every member of the class should provide herself in advance with a complete text of Aristophanes. The Clarendon Press (Oxford) edition is recommended.

1930-31: Plato.

The work is mainly literary and critical. Lectures on the style, philosophy, and chronology of the dialogues are given by the instructor; a detailed interpretation of a portion of Plato, and reports on topics set for discussion are given by the class. The students are expected to read the *Republic*, *Theætetus*, *Parmenides*, and *Sophist* and discuss certain problems arising from these dialogues. The aim of the course is to lay a foundation for independent work by familiarizing the students with the achievements of scholarship and the general field of Platonic literature up to the present day. Every member of the seminary should provide herself in advance with a complete text of Plato. The Clarendon Press (Oxford) edition is recommended.

1931-32: The Homeric Question.

1st Semester

The work consists of a review of the discussions of the Homeric since the publication of Wolf's *Prolegomena*. The various topics have been applied to the poems by archaeologists, linguists, historians of myths, and æsthetic critics are taken up and criticized in detail.

Greek Sophists of the Fourth Century A.D.

2nd Semester.

The works of the Emperor Julian, Libanius and others are read and discussed. Lectures and reports are given on the literary movements of the second, third and fourth centuries A.D.

*Journal
Club*

Greek Journal Club: Dr. Sanders, Dr. Wright.*

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*(Given in 1928-29)**1st Semester.*

Minor Orations of the Attic Orators: Dr. Sanders.

*Two hours a week.*Sophocles, *Ædipus Coloneus*: Dr. Sanders.*One hour a week.*

Palatine Anthology: Dr. Wright. †

*Two hours a week.**2nd Semester.**Æschylus, Agamemnon*: Dr. Sanders.*Two hours a week.*

* On leave of absence for the year 1928-29.

† On leave of absence for the year 1928-29. The courses announced by Professor Wright are given by Dr. Gifford.

Greek Prose Composition and the Evolution of Style: Dr. Sanders.

One hour a week.

Sophocles, *Ajax*: Dr. Wright.*

Two hours a week.

(Given in 1929-30)

1st Semester.

Æschylus, *Eumenides*: Dr. Sanders.

Two hours a week.

Sophocles, *Trachiniæ*: Dr. Sanders.

One hour a week.

Melic Poets: Dr. Wright.

Two hours a week.

2nd Semester.

Greek Rhetoricians and Prose Composition: Dr. Sanders. One hour a week.

Bacchylides: Dr. Sanders.

One hour a week.

Euripides, *Bacchæ*: Dr. Sanders.

One hour a week.

Æschylus, *Septem* or *Lucian*: Dr. Wright.

Two hours a week.

(Given in 1930-31)

1st Semester.

Æschylus, *Oresteia*: Dr. Sanders.

Two hours a week.

Fourth Century Critics: Dr. Sanders.

One hour a week.

Theocritus: Dr. Wright.

Two hours a week.

2nd Semester.

Pindar: Dr. Sanders.

Two hours a week.

Sophocles, *Electra* or Euripides, *Electra*: Dr. Sanders.

One hour a week.

Plato: Dr. Wright.

Two hours a week.

Latin

PROFESSOR: LILY ROSS TAYLOR, Ph.D.

ASSOCIATE PROFESSORS: MARY HAMILTON SWINDLER, Ph.D.

SUSAN HELEN BALLOU, † Ph.D.

ASSOCIATE: T. R. S. BROUGHTON, Ph.D.

LECTURER: LOUISE W. ADAMS HOLLAND, Ph.D.

GRADUATE COURSES

Three seminars are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced undergraduate courses of the department amounting to seven hours a week may also be elected by graduate students.

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years. Students electing Latin as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Latin be also elected as the associated minor the candidate must offer two seminars and the journal club for three years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

* On leave of absence for the year 1928-29. The courses announced by Professor Wright are given by Dr. Gifford.

† On leave of absence for the year 1928-29.

Graduate Courses

Latin Seminary: Dr. Taylor.*Two hours a week throughout the year.*

1928-29: The Poetry of the Augustan Age.

Special emphasis on the work of Horace and Vergil in its relation to the principate of Augustus. The subjects for investigation by each student may be selected from the whole field of Augustan poetry.

1929-30: Latin Literature from Livius Andronicus to Terence. The chief emphasis will be placed upon Ennius and Plautus.

1930-31: Roman Religion and Latin Inscriptions.

Roman Religion will be studied from the sources with special emphasis on the material provided by the *Fasti* of Ovid. The early Roman calendar, the coming in of Italic and Greek gods, the origin and development of the imperial cult, and the growth of the Oriental Religions will be considered. In the second semester the work will centre on inscriptions with special study of those dealing with religion and with Roman social life.

Latin Seminary: Dr. Ballou.*Two hours a week throughout the year.**(Not given in 1928-29)*

1929-30: Mediæval Latin.

The Latin Church Fathers and the early Mediæval historians, together with other prose writers of especial interest from the fourth to the fourteenth century, will furnish the material for study, both linguistic and literary.

1930-31: Latin Palæography.

1st Semester.

The facsimiles in the collections of Chatelain, Zangemeister and Wattenbach, and Arndt furnish acquaintance with the more important Roman and mediæval literary hands, and photographic reproductions are used for practical exercises in collation and text emendation.

The Poems of Catullus.

2nd Semester.

These form the basis for the application of palæographic principles to textual criticism.

1931-32: Roman Historiography.

The development of the writing of history at Rome will be studied chronologically from the early annalists and Cato to Ammianus Marcellinus in the fourth century. Selections from representative historians will be read and reports made by the students on their methods and style.

Latin Seminary: Dr. Broughton.*Two hours a week throughout the year.*

1929-30: Livy's History.

A study will be made of the political and institutional development of Rome from the earliest times to the close of the Punic wars. The works of Livy will be used as the basis of study, with criticism of other sources.

1931-32: Cicero's Correspondence.

An effort will be made to master typical textual and linguistic problems presented by the text, and special attention will be paid to Roman administration and political conditions during the last years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., will form the basis of the work.

Historical Grammar of Greek and Latin:* Dr. Broughton.*Two hours a week throughout the year.**(Given in 1930-31)***Journal
Club**

Latin Journal Club: President Park, Dr. Taylor, Dr. Ballou†, Dr. Broughton and Dr. Holland.

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

* See Comparative Philology, page 34.

† On leave of absence for the year 1928-29.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

(Given in each year)

Latin Prose Composition, accompanied by readings from Cicero and Livy: Dr. Broughton.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

Lucretius, *De Rerum Natura*: Dr. Taylor.

Two hours a week during the first semester.

The course will deal with the place of the *De Rerum Natura* in literature and thought.

Vergil, *Aeneid*: Dr. Taylor.

Two hours a week during the second semester.

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic. The chief emphasis will be on the last six books.

By special arrangement in 1928-29 these courses in *Lucretius* and *Vergil* will be open only to students who are qualified for honours, and will be adapted with supplementary work to the special needs and interests of the group accepted.

Literature of the Empire: Dr. Ballou.* *Three hours a week throughout the year.*

Authors of both Prose and Poetry will be read who give as complete a picture as possible of the state of society of the time; such as Petronius, Martial, Statius, Pliny, Juvenal, Seneca and Apuleius. The material will be divided between the semesters so that either one may be taken separately.

(Given in 1929-30)

Cicero and Cæsar: Dr. Taylor.

Two hours a week throughout the year.

A study will be made of the personality and achievements of Cicero and Cæsar and of the social and political conditions at the close of the Republic. The reading will be from Cicero's Letters and Cæsar's Commentaries supplemented by selections from Cicero's Orations, Sallust's *Catiline* and Suetonius' *Julius*.

The Life and Early Work of Vergil: Dr. Ballou.

Three hours a week during the first semester.

The *Appendix Vergiliana* will be studied in connection with the ancient lives of Vergil and its authenticity will be discussed. The rest of the time will be given to the *Bucolics* and *Georgics*.

Mediaeval Latin: Dr. Ballou.

Three hours a week during the second semester.

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

Occasional lectures will be given upon the historical and cultural background of the period covered, and students will select special authors or subjects for further reading and reports.

English

PROFESSORS:

LUCY MARTIN DONNELLY, A.B.

REGINA KATHARINE CRANDALL, Ph.D.

SAMUEL CLAGGETT CHEW,† Ph.D.

* On leave of absence for the year 1928-29. The courses announced by Professor Ballou are given by Dr. Holland.

† Granted leave of absence for the year 1929-30.

ASSOCIATE PROFESSOR: STEPHEN JOSEPH HERBEN, Ph.D.

ASSOCIATE: ELEANOR GRACE CLARK, M.A.

ASSOCIATE PROFESSOR
OF GERMAN: FRITZ MEZGER, Ph.D.

GRADUATE COURSES

Graduate Courses

Seven seminars are offered each year in English literature and language, accompanied by the direction of private reading and original research. These seminars are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Students who elect English literature as their major subject in their examination for the degree of Doctor of Philosophy must offer English philology as an associated minor and those who offer English philology as a major subject must offer English literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1928-29: Shelley.

1929-30: Problems in Eighteenth Century Literature.

1930-31: Donne and Milton.

Seminary in English Literature: Dr. Chew.*

Two hours a week throughout the year.

(Given in each year)

1928-29: The Jacobean Drama.

1930-31: The Age of Wordsworth.

1931-32: Victorian Literature.

Seminary in American Literature: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The periods vary from year to year.

(Occasionally a seminary in Criticism may be substituted for the seminary in American Literature.)

Seminary in Old English: Dr. Herben. *Two hours a week throughout the year.*

(Given in each year)

This seminary is open to graduate students who have already taken the course in Anglo-Saxon grammar and reading of Anglo-Saxon texts, or its equivalent.

1928-29: *Beowulf* and The Old English Lyrics.

1929-30: Old English Christian Poetry.

Seminary in Middle English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

1928-29: Chaucer.

1929-30: Middle English Romances.

1930-31: The Beginnings of English Drama.

* Granted leave of absence for the year 1929-30.

Seminary in Elizabethan Drama: Miss Clark.*Two hours a week throughout the year.**(Given in each year)*

1928-29: Shakespeare, special topics.

1929-30: Early Elizabethan Drama, special topics.

Philological Seminary: Professor Mezger. *Two hours a week throughout the year.**(Given in each year).*

1928-29: Introduction to Germanic Philology.

1929-30: English Historical Grammar.

Journal Club: Miss Donnelly, Dr. Crandall, Dr. Chew,* Dr. Herben, Miss Clark and Dr. Mezger.**Journal
Club***One and one-half hours in alternate weeks throughout the year.***ROMANCE LANGUAGES****French****PROFESSOR:** EUNICE MORGAN SCHENCK, Ph.D.**ASSOCIATE PROFESSORS:** MARCELLE PARDÉ, *Agrégée*.

GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*.**ASSOCIATE:** MARGARET GILMAN, Ph.D.**GRADUATE COURSES**

Thirteen hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years.

**Graduate
Courses**

Students who choose French literature as their major subject in their examination for the degree of Doctor of Philosophy must offer French philology as the associated minor and students who offer French philology as a major subject must offer French literature as the associated minor.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck.*Two hours a week throughout the year.**(Given in each year)*

1928-29: Theories of French Romanticism.

1929-30: French Drama of the Eighteenth and Nineteenth Centuries.

1930-31: Flaubert and Theories of Literary Realism.

Seminary in French Literature of the Sixteenth and Seventeenth Centuries: Miss Pardé and Mr. Canu.*Two hours a week throughout the year.**(Given in each year)*

* Granted leave of absence for the year 1929-30.

1928-29: French Drama of the Sixteenth and Seventeenth Centuries: Miss Pardé.

1929-30: French Fiction and Social Life in the Sixteenth and Seventeenth Centuries: Mr. Canu.

Seminary in Mediæval French Literature: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

1928-29: The Lyric, including the Courtly Lyric of Provence.

1929-30: Dramatic Literature of Mediæval France.

1930-31: Old French Narrative Poetry as Represented by the *Chansons de Geste* and the *Romans Courtois*.

French Bibliography: Dr. Gilman. *One hour a week during the first semester.*

(Given in each year)

This course may be elected by any student taking one of the seminaries in French Literature.

French Diction and Practical Phonetics: Mr. Canu.

One hour a week during the second semester.

(Given in each year)

This course may be elected by any student taking one of the seminaries in French Literature.

Introduction to Old French Philology: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

Part of each session is devoted to a critical reading of selected texts. This course is equivalent to a full seminary and counts as such.

Journal Club Romance Languages Journal Club: Dr. Schenck, Miss Pardé, Dr. Gilman, Mrs. Frank, Mr. Canu, Dr. Gillet and Mr. Toglia.

One and one-half hours a fortnight throughout the year.

The journal club is intended to acquaint the students with the results of contemporary researches in the Romance languages and literature.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

French Fiction: Mr. Canu.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

French Literature of the Sixteenth Century: Miss Pardé.

Two hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

French Lyric Poetry since 1850: Dr. Gilman.

One hour a week throughout the year.

(Given in each year)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Schenck.

Two hours a week during the first semester.

Miss Pardé.

Two hours a week during the second semester.

(Given in each year)

The class has one meeting a week and fortnightly interviews.

Italian

ASSOCIATE: VITO G. TOGLIA, M.A.

GRADUATE COURSES

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years. Students electing Italian as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

*Graduate
Courses*

Seminary in Italian Literature: Mr. Toggia.

Two hours a week throughout the year.

1928-29: The Literature of the Nineteenth Century.

If necessary, modifications will be made in the work of the seminary to meet the special needs of students.

Old Italian: Mr. Toggia.

Two hours a week throughout the year.

Old Italian philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

*Advanced
Courses*

(Given in 1928-29)

The Italian Literature of the Cinquecento, Mr. Toggia.

Three hours a week throughout the year.

Selections from Ariosto's *Orlando Furioso*, Michelangelo's Poems, Cellini's *Vita*, etc.
1st Semester.

Machiavelli's *Principe*, Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*, etc.
2nd Semester.

(Given in 1929-30)

The Italian Literature of the Trecento: Mr. Toggia.

Dante's *Purgatorio* and *Paradiso*, etc. *Three hours a week during the first semester.*

The Italian Literature of the Trecento and of the Quattrocento:
Mr. Toggia. *Three hours a week during the second semester.*

Petrarch's *Rime*, Boccaccio's *Decameron*, Politian's Poems, etc.

(Offered in each year)

Advanced Italian Composition: Mr. Toggia.

Two hours a week throughout the year.

Spanish

ASSOCIATE PROFESSOR: JOSEPH EUGENE GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

*Graduate
Courses*

The graduate seminaries in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Students electing Spanish as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

Seminary in Spanish: Dr. Gillet.

Two hours a week throughout the year.

1928-29: The prose works of Cervantes.

1929-30: The Dramas of Torres Naharro.

1930-31: The Spanish Ballad.

1931-32: Literary Criticism in Spain.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology.

One hour a week throughout the year.

Old Spanish Readings.

One hour a week throughout the year.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports. *Three hours a week throughout the year.*

Advanced Spanish Composition.

Two hours a week throughout the year.

German

ASSOCIATE PROFESSOR: MAX DIEZ, Ph.D.

ASSOCIATE PROFESSOR: FRITZ MEZGER, Ph.D.

GRADUATE COURSES

Graduate Courses

Eight hours a week of seminary work and graduate lectures are offered each year to graduate students of German and Germanic Philology accompanied by the direction of private reading and original research.

The courses are so varied that they may be followed by graduate students throughout three successive years and cover the work required of students who offer German Literature as a major or a minor for the degree of Doctor of Philosophy. Students who elect German Literature as their major subject in the examination for the degree of Doctor of Philosophy must offer Germanic Philology as an associated minor and students who offer Germanic Philology as a major subject must offer German Literature as an associated minor. In the major together with the associated minor the student must offer two seminaries and a journal club for three years.

Seminary in German Literature: Dr. M. Diez.

Two hours a week throughout the year.

1928-29: The Novel of Goethe.

Goethe's relation to his predecessors in this field and his influence on the development of the novel in the nineteenth century.

1929-30: Uhland and Mörike.

1930-31: Goethe's Dramas.

German Journal Club: Dr. M. Diez and Dr. Mezger.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment, and criticism.

GERMANIC PHILOLOGY

The instruction in this department is under the direction of Dr. Fritz Mezger, Associate Professor of German. The English and the German departments together have provided for a complete course in Germanic philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.), and the study of general comparative philology.

Students intending to elect Germanic philology are advised to study Greek for at least one year during their undergraduate course.

Introduction to Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31)

Gothic and West Germanic sounds and inflection are studied on a comparative basis.

Old Norse: Dr. Mezger.

Two hours a week during the second semester.

(Given in 1928-29)

Old Norse: Dr. Mezger.

Two hours a week during the first semester.

(Given in 1929-30)

Old Saxon and Old Frisian: Dr. Mezger.

Two hours a week during the second semester.

(Given in 1929-30)

Old High German: Dr. Mezger.

Two hours a week during the first semester.

(Given in 1928-29)

Germanic Metrics and German Style: Dr. Mezger.

One hour a week throughout the year.

(Given in 1929-30)

Seminary in Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31 and again in 1931-32)

Open to students who have had at least one year of Germanic or Indo-European philology.
1930-31: Studies in Comparative Germanic Philology: Syntax and Word-formation;
Problems of Word-Geography based on a comparative study of Tatian and Wulfila and of
Tatian and the West Saxon Gospels.

1931-32: Studies in the History of the German Language.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Middle High German and Elements of German Historical Grammar:
Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

This course may be taken for three successive years. The reading will be so varied as to form a supplement to the advanced courses in German literature:

1929-30: Walther von der Vogelweide and Minnesang.

1930-31: Nibelungenlied.

1931-32: Parsival and Tristan und Isolde.

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1928-29)

History of German Lyric Poetry from the Minnesingers to the Present Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1929-30)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1930-31)

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D.

GRADUATE COURSES

Advanced Courses

The work of the department is so arranged that students may specialize in Biblical history and literature or in Hellenistic Greek, and the private reading and original research of such students will be directed. Two hours a week of seminary work are offered in each subject and in some cases graduate students may profitably attend the elective courses.

Seminary in Critical Readings of the Greek New Testament: Dr. Cadbury.

Two hours a week throughout the year.

Philological, historical and exegetical study of selected writings in the Greek Bible and in kindred Hellenistic literature. A knowledge of Greek is required.

Seminary in the Bible: Dr. Cadbury.

Two hours a week throughout the year.

The study in successive years of different major literary and historical problems of the Bible, with the modern discussions of them. A knowledge of the original languages is useful but not indispensable.

1928-29: *The Book of Acts.*

1929-30: *Judaism at the time of Christ.*

1930-31: *Gospel of John.*

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH,* Ph.D.

CHARLES WENDELL DAVID, Ph.D.

DEAN OF THE COLLEGE: HELEN TAFT MANNING, Ph.D.

INSTRUCTOR: IVY CAROLINE ROBINS, Ph.D. (Semester II).

GRADUATE COURSES

Advanced Courses

Apart from the direction of private reading and original research, seminars in Mediæval and Modern European history and in American history are offered to graduate students of history together with a grad-

* Granted leave of absence for the year 1929-30.

uate course in Historical Bibliography and Criticism and the Auxiliary Sciences. Students may offer either European History or American History as a major subject for the degree of Doctor of Philosophy.

Seminary in Mediæval and Modern European History: Dr. Gray.

Two or three hours a week throughout the year.

(Given in each year)

1928-29: Topics in the History of England from 1450 to 1600.

Among these are the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the Sixteenth Century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

1929-30: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the Treaty of Versailles and the problems of post-war Europe.

1930-31: Topics in the History of England from 1250 to 1450.

Among these are national resistance to papal encroachments, the baronial revolt of 1258, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the role of Italians and Hanseatics in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, and the loss of English possessions on the Continent.

Seminary in American History: Dr. William Roy Smith.*

Two or three hours a week throughout the year.

(Given in each year)

1928-29: The Revolution, the Confederation, and the Constitution.

American history from 1776 to 1789 will be discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties will be investigated.

1929-30: The Civil War and Reconstruction.

Special stress is laid upon the social, economic, and political reorganization of the South, the North, and the West, and also of the nation as a whole during the period from 1861 to 1877.

1930-31: Slavery and Negro Problem.

After a preliminary survey of the history of slavery in the colonial period such topics as the slavery compromises of the constitution, the growth of slavery in the South, the abolition of the slave trade, the Missouri Compromise, the anti-Slavery movement, nullification, the Mexican War, the Wilmot Proviso, the compromise measures of 1859, the Kansas-Nebraska bill, the Dred Scott decision, the abolition of slavery, and the adoption of the thirteenth, fourteenth and fifteenth amendments will be discussed. Special attention will be paid to the conflict between sectionalism and nationalism and the connection between slavery, territorial expansion, and the development of constitutional theories.

Seminary in the History of England in the Twelfth and Thirteenth Centuries: Dr. David.

Two hours a week throughout the year.

(Given in 1929-30)

* Granted leave of absence for the year 1929-30. The courses announced by Professor Smith will be given by a lecturer to be announced later.

The period studied will extend roughly from the Norman Conquest to the middle of the thirteenth century. Special attention will be paid to institutional history. Topics selected for study will be somewhat as follows: the foundation, expansion and decline of the Anglo-Norman empire, the feudal and manorial régime, the institutions of the central government—administrative, financial and judicial—the institutions of local government, the relations between church and state in successive periods, commerce, industry, the towns, and the increasing importance of the middle class, the king and the baronage, the Great Charter, the growth of the constitution and of the common law.

Seminary on the Age of the French Revolution: Dr. David.

Three hours a week throughout the year.

(Given in 1930-31)

The subject matter of the course will be chosen with reference to the needs and interests of the students who take it, the principal emphasis usually being placed upon France, but sometimes upon England. Topics will be selected with a view to illustrating different kinds of historical problems and gaining an acquaintance with the principal printed sources and secondary works and extending the student's knowledge of the whole era from about 1750 to 1815. Attention will be paid to social and economic as well as to political problems. The intellectual background of the revolutionary and reform efforts will also be considered.

Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1931-32)

This graduate course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palaeography, and diplomatics. The course will consist of lectures, assigned reading and problem work, and adjustments are made to meet the needs of individual students.

Journal Club

Historical Journal Club: Dr. Gray, Dr. William Roy Smith, Dr. David, Dean Manning and Dr. Robbins. *Two hours once a fortnight throughout the year.*

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Europe since 1870: Dr. Gray.

Three hours a week throughout the year.

(Given in 1929-30)

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress, and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles, and the strong position of labour in post-bellum society are among the subjects studied. A reading knowledge of French is required.

American Colonial History (1492-1763): Dr. W. R. Smith.*

Three hours a week throughout the year.

(Given in 1929-30)

This course deals primarily with the English colonisation of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion.

History of the United States since 1865: Dr. W. R. Smith.

Two hours a week throughout the year.

(Given in 1930-31)

The French Revolution and Napoleon: Dr. David.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

This course treats of the history of France and of Europe from 1789 to 1815, by means of lectures and reports. The period is considered as an organic whole and the career of Napoleon is regarded as that of a child of the Revolution. The increasing mass of secondary material is appraised and some printed documentary material is used for reports and references. A reading knowledge of French is required.

Civilisation of the Ancient World: Dr. David.

Three hours a week throughout the year.

(Given in 1929-30)

Special attention is paid to Greece and Rome; but extended consideration is also given to the subject of pre-history, to the early civilisations of western Asia, Egypt, and the Ægean region, and to the influence of environment, race, and culture upon human development. The evolution of civilisation as a whole, from earliest times to the fourth century A. D., is presented in a single synthesis.

Economics and Politics

PROFESSORS:

MARION PARRIS SMITH,* Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ASSOCIATE PROFESSOR:

ROGER HEWES WELLS, Ph.D.

ASSOCIATE:

ELEANOR LANSING DULLES, Ph.D.

GRADUATE COURSES

Six to nine hours a week of seminary work and graduate lectures are offered each year to graduate students of economics and politics.

Graduate Courses

Three seminaries, one in economics, two in political science, are offered in addition to the direction of private reading and original research. Advanced undergraduate courses amounting to five hours a week which may be elected by graduate students are given in each year. Students may offer either economics or politics as their major subject for the degree of Doctor of Philosophy.

Seminary in Economics: Dr. Marion Parris Smith.*

Two hours a week throughout the year.

(Given in each year)

The object of the seminary is to train students in the methods of research, and in the organization of material. In short reports and long papers members of the seminary are given practice in using original sources and in a critical study of secondary sources. The

* Granted leave of absence for the year 1929-30. The courses announced by Professor Smith will be given by a lecturer to be announced later.

seminary discussion is supplemented by occasional lectures. Each student receives individual direction, and graduate studies are specially designed to prepare advanced students for Government Civil Service Examinations in the Department of State, Department of Commerce, and the Department of Labor, as well as for high degrees.

1929-30: Economic Institutions in the United States; Finances and Banking, Agriculture, Manufacture, Commerce, etc.

1930-31: Economic Thought in the Nineteenth Century.

1931-32: The Industrial Revolution in Great Britain and Europe.

Seminary in Politics: Dr. Fenwick.

Three hours a week throughout the year.

(Given in each year)

The methods of instruction in the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1928-29: International Law.

Following an examination of the classic writers on international law, the chief attention of the seminary will be devoted to a study of the principles and rules of international law which have been the center of controversy between nations of recent years. In particular the questions now under consideration by various scientific groups as possible subjects of codification will be examined in detail. The work of this course will be greatly facilitated by a preparatory course in Constitutional Law.

1929-30: The Constitutional Law of the United States.

The decisions of the Supreme Court of the United States will form the basis of the work. Special stress will be laid upon the relations between the federal and state governments, interstate commerce, and due process of law under the Fourteenth Amendment. Students will be required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

1930-31: Constitutional Questions involved in Modern Economic and Social Problems.

The chief economic and social problems of the United States will be studied from the point of view of the restrictions placed by the Constitution upon the legislative powers of Congress and of the several states dealing with those subjects. As an introduction the various theories relating to the proper functions of the state will be discussed.

Seminary in Economics or Politics: Dr. Wells.

Two hours a week throughout the year.

(Given in each year)

1928-29: Municipal Institutions.

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of governmental organization, municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American but also with foreign cities, especially those of England, France, and Germany. Students will be afforded training in research through the preparation and presentation of several reports involving the use of official documents and other source material, and, wherever possible, these reports will be supplemented by practical field work. The seminary may be counted either as Economics or as Politics, depending upon the nature of the reports done by the individual student.

1929-30: The History of Political Thought.

The purpose of this seminary is twofold: first, to familiarize the student with the writings of the principal political thinkers from Plato to the present time; and second, to enable the student to grasp clearly the main problems which political theory is called upon to explain and to solve. The work of the seminary includes lectures, general reading, student reports, and general class discussions.

1930-31: Comparative Municipal Government and Administration.

1931-32: American and Foreign Political Parties and Electoral Problems.

Economics and Politics Journal Club: Dr. Marion Parris Smith,* Dr. Fenwick, Dr. Wells and Dr. Dulles. *Two hours once a fortnight throughout the year.*

*Journal
Club*

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussions, comment, and criticism.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.

Three hours a week throughout the year.

(Given in 1928-29 and again in 1931-32)

Municipal Institutions: Dr. Wells.

Two hours a week throughout the year.

(Given in 1928-29 and again in 1929-30)

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY, Ph.D.
ASSOCIATE PROFESSOR:	HORNELL HART, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
NON-RESIDENT LECTURER:	ALMENA DAWLEY, M.A.
SPECIAL LECTURERS:	ALICE HAMILTON, M.D.
	EVA WHITING WHITE, A.B.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the Autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The departments of Economics and Politics, Psychology, Education, and Philosophy offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith,* Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of

* Granted leave of absence for the year 1929-30.

Political Science; Dr. Roger Hewes Wells, Associate Professor of Economics and Politics; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba,* Professor of Psychology; Dr. Harry Helson, Associate Professor of Experimental Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Ilse Forest, Associate Professor of Education, and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology† and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether five hours' work per week for two years in one of these subjects).

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work, or Community Organization, or Industrial Relations in which she will give seven hours a week during the term time and vacation practica to practice or field work in an institution or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics, and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 43 hours of work per week.

Practice work in each field consists of two types: (1) field work consisting of seven hours each week, one hour of conference each week, and two hours of seminary discussion in alternate weeks; (2) non-resident experience with social institutions, agencies, or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall be at a minimum expense for room and board, during the midwinter practicum, other than that paid to the College from December 9th to 20th, and at no expense during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, September 30th to December 9th, during which period at least one day a week is given to field work. (2) A midwinter practicum in which the student gives full service to a social organ-

* Granted leave of absence for the year 1929-30.

† Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

ization or a business establishment or to research, from December 9th to January 3rd in New York, Boston, Philadelphia or elsewhere. (3) January 4th to January 31st, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 4th to June 4th, during which time the student will give one day a week to field practice work, with the exception of the spring vacation. (5) The summer practicum from June 9th to August 2nd, during which time the student will give all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the College, and during the mid-winter and summer practica is under the careful supervision of an instructor of the Department. After one year of work in this department one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office, or in a manufacturing or mechanical establishment in Philadelphia, New York, New England, or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department, or business firm.

Students entering the Department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work, or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work, or a seminary in social and industrial research.

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

GRADUATE COURSES

The seminars and courses described below may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research, or may be offered as the associated or independent minor with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council.

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 28 to 30.

*Certificates
and
Degrees*

*Graduate
Courses*

Seminary in Social and Industrial Research: Dr. Kingsbury.

*Three hours a week throughout the year.**(Given in each year)*

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information, and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations, or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations, and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis, and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed, and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results, and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see pages 51 and 52). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Seminary in Administration of Social Agencies: Dr. Kingsbury.

*Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems, including a review of the outstanding contributions in the subject, and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed, and their application in connection with further research indicated.

Seminary in Social Relationships: Dr. Hart.

*Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

Principles of social relationships will be worked out inductively through the study of actual group life. Applications of these principles will be developed through analysis of relationships within the family, relationships between delinquents and society, and relationships between races and between native-born and foreign-born peoples. Collections of case studies in these fields will be analyzed and projects involving original research in this and allied fields will be undertaken.

Seminary in Social Origins: Dr. Hart. *Two hours a week throughout the year.**(Given in 1928-29 and again in 1929-30)*

Problems related to the nature of social progress and the methods whereby it can be achieved will be studied by members of the seminary. The course will begin with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York, or Washington. The natural laws of invention and of diffusion of culture will be studied inductively by analysing the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies will be worked out in specific instances. Various prognoses as to the future of our civilization will be reviewed in relation to the foregoing material, and principles essential to sound social reform will be developed.

Seminary in Research in Sociology: Dr. Hart.

Two hours a week throughout the year.

(Given in each year)

Seminary in Community Organization and Administration: Dr. Hart.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions, and research and propaganda agencies, forms the subject-matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of their work. Special attention is given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work, and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Kingsbury and the director of the particular agency or department and is so arranged as to give to the student training during the academic year and the midwinter and summer practica (see pages 51 and 52) in some one or more of the following activities:

(1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.

(2) Regular daily management as assistants and later as directors.

(3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts, and lectures, in public speaking and writing, and in conducting financial campaigns and special studies.

(4) Teaching in night schools of classes in civics and elementary subjects, and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.

(5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds, and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association, and work in smaller neighboring communities.

Seminary in Labour Organization: Dr. Dulles.

Two hours a week throughout the year.

(Given in each year)

Some of the forces found in modern industrial methods, the inequality of distribution, and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work, and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories, and various state and private organizations which are concerned with employment, vocational guidance, and legislative reform.

Seminary in Industrial Relations: Dr. Dulles.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The aim of this seminary is to secure an understanding of actual conditions, methods, and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labour, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical comparisons of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labour exchanges, government agencies, scientific management, industrial poisons, and other topics are included in the course. Actual cases are studied and observation trips give the student first hand information regarding present day conditions and methods.

The Field work in the factories and stores, which is a part of the work of this seminary, is accompanied in alternate weeks by a two-hour discussion period on the practical problems which the student must meet.

This seminary must be accompanied by the Seminary in Labour Organization.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Dulles.

Two hours a week throughout the year.

(Given in each year)

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.

Three hours a week throughout the year.

(Given in each year)

Field Work.

Seven hours a week throughout the year.

The object of this course will be to understand the basis of each human being's inability to maintain himself, as well as to interpret his reactions and behavior in terms of his life experiences and relationships, and utilize this evaluation in carrying out treatment. Coincident with this endeavor the various processes of case work will be discussed. The seminary also includes case recording, evaluation of case material, of the community resources essential for treatment, and of the case worker's relationship to these resources.

The Practicum in Social Case Work during the past year has consisted of field work carried on 10 hours per week and a mid-winter and a summer practicum (see pages 51 and

52) with the following agencies: The Family Society of Philadelphia, the Children's Aid Society, the Children's Bureau, and the International Institute. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the particular agency or department.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Social Statistics: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in each year)

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions, and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is presupposed. This course is required of all graduate students in the Department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

One-half hour a week throughout the year.

(Given in each year)

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

Social Economy Journal Club: Dr. Kingsbury, Dr. Hart and Dr. Dulles.

Two hours once a fortnight throughout the year.

Current articles are reviewed, recent reports, surveys and investigations are criticised, and the results of important research are presented for discussion.

*Journal
Club*

FREE ELECTIVE UNDERGRADUATE COURSES

Elements of Statistics: Dr. Kingsbury.

One hour a week throughout the year.

(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, averages, graphic methods, measures of variation, theory of sampling, index numbers, theory of probability and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations, and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

*Free
Elective
Courses*

Applied Sociology: Dr. Hart.*Two hours a week throughout the year.**(Given in each year)*

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighborhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart.*Three hours a week throughout the year.**(Given in each year)*

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique of social progress. A course in social science is prerequisite for this course.

Labour Problems: Dr. Dulles.*Three hours a week throughout the year.**(Given in each year)*

The present day problems of Labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labor, compensation, social insurance, welfare work, and the radical experiments of labor. The significance of workers' education and of the various labour colleges and schools is stressed, with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

The following seminaries offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.*Two hours a week throughout the year.***Seminary in Politics: Dr. Fenwick.***Three hours a week throughout the year.**(Given in each year)***Seminary in Economics or Politics: Dr. Wells.***Two hours a week throughout the year.**(Given in each year)***Psychological Seminary: Dr. Leuba.***Two hours a week throughout the year.**(Given in each year)***Seminary in Social Psychology: Dr. Leuba.***Two hours a week during the second semester.**(Given in each year)***Seminary in Experimental and Systematic Psychology: Dr. Helson.***Three hours a week throughout the year.**(Given in each year)*

Seminary in Advanced Mental Measurements: Dr. Rogers.*Two hours a week throughout the year.**(Given in 1928-29)***Seminary in Advanced Educational Psychology: Dr. Rogers.***Two hours a week throughout the year.**(Given in 1929-30)***Seminary in Clinical Methods in Child Guidance: Dr. Rogers, Dr. Forest and Mrs. Hamilton.***Three hours a week throughout the year.**(Given in each year)***Seminary in Child Psychology: Dr. Forest.***Two hours a week throughout the year.**(Given in each year)***Philosophy****PROFESSOR: THEODORE DE LEO DE LAGUNA, Ph.D.****ASSOCIATE PROFESSOR: GRACE MEAD ANDRUS DE LAGUNA, Ph.D.****GRADUATE COURSES**

Five hours a week of seminary work and graduate lectures are offered each year to graduate students of philosophy, accompanied by the direction of private reading and original research.

A seminary in the history of philosophy is offered each year and a seminary in ethics and one in logic and metaphysics are offered in alternate years. The subjects of study are changed from year to year through a cycle of four years. Ten hours a week of undergraduate courses are also open to graduate students. Students electing philosophy as their major subject for the degree of Doctor of Philosophy may emphasize either metaphysics or ethics.

Graduate Courses**Seminary in Ethics: Dr. Theodore de Laguna.***Two hours a week throughout the year.**(Given in alternate years)*

1929-30: English Evolutionary Ethics, as exemplified in the writings of Darwin, Spencer, Clifford, Stephen, Alexander, and Hobhouse, and as criticized by Green, Sorley, Huxley, Pringle-Pattison, and Rashdall.

Special attention is given to the problem of determining the nature and limitations of the genetic method as applied in ethical research.

1931-32: The History of Ethics in the Seventeenth and Eighteenth Centuries.

A brief preliminary survey is made of the Greek systems which have most strongly influenced modern theory.

Seminary in Logic and Metaphysics: Dr. Grace de Laguna.*Two hours a week throughout the year.**(Given in alternate years)*

1928-29: Contemporary Realism.

The first semester is devoted to Neo-Realism, the second semester to Critical Realism.

1930-31: English Empiricism.

Special attention is paid to its connection with Associationism and to the development of the theory of scientific method.

Seminary in the History of Philosophy: Dr. Theodore de Laguna and Dr. Grace de Laguna.

Two hours a week throughout the year.

(Given in each year)

1928-29: The Philosophy of Plato.

Special attention is paid to the earlier dialogues, to the development of the theory of ideas, and to the relation of this theory to the teachings and method of Socrates.

This seminary is conducted by Dr. T. de Laguna.

1929-30: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes, and in the second semester on Spinoza and Leibniz.

*Journal
Club*

Philosophical Journal Club: Dr. Theodore de Laguna, Dr. Grace de Laguna.

Two hours once a fortnight throughout the year.

The advanced students and the instructors meet to report on and discuss recent reviews and philosophical articles.

Psychology

PROFESSORS:

JAMES H. LEUBA,* Ph.D.

AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: HARRY HELSON, Ph.D.

GRADUATE COURSES

*Graduate
Courses*

Ten hours a week seminary work and graduate lectures are offered each year to graduate students of psychology, accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. The books needed by the graduate students are collected in the seminary library of the department. No undergraduates are admitted to graduate courses or to the seminary library, but the first and second year courses of the department amounting to ten hours a week may be elected by graduate students. The laboratory of experimental psychology is open to graduate students for research work. Students may offer either Social Psychology or Experimental Psychology as a major subject for the degree of Doctor of Philosophy.

Psychological Seminary: Dr. Leuba.*

Two hours a week throughout the year.

(Given in each year)

As the foundation of the work of the seminary one or two of the following subjects will be chosen each year: the psychology of mental and moral deficiencies with reference to the social problems they present, including case studies and research work in problems of delinquency; social psychology; chapters in abnormal psychology and the Freudian psychology; the fundamental principles of psychology; the psychology of religion and ethics.

Seminary in Social Psychology: Dr. Leuba.*

Two hours a week during the second semester.

(Given in each year)

1928-29: Introduction to Social Psychology and Applications to Social Problems.

1929-30: Abnormal Psychology, chiefly Mental and Moral Deficiency, and its Social Implications; or Personality and Character.

This half-seminary together with another half-seminary given in the first semester, may be counted as a seminary by students in the Department of Social Economy and Social Research.

* Granted leave of absence for the year 1929-30. The courses announced by Professor Leuba will be given by a lecturer to be announced later.

Seminary in Experimental and Systematic Psychology: Dr. Helson.

Three hours a week throughout the year.

(Given in each year)

This seminary is intended, primarily, to give a systematic presentation of the literature of experimental psychology. Due consideration, however, will be given to all points of systematic importance. The work is grouped about the following topics: sensation, the simpler sense complexes, perception and ideas, feeling and the affective processes, attention, action, and the intellectual processes (memory, association, imagination, etc.). The course covers three years; but the topics chosen and the time devoted to each vary from year to year according to the needs of the students.

Seminary in Research Problems: Dr. Helson.

Two or more hours a week throughout the year.

(Given in each year)

This course is intended for students who wish to be trained in research work. Methods of measurement, particularly modern psychophysics, practise in observation, and acquaintance with standard types of apparatus will be stressed. The instructor will co-operate with the students in the solution of some original problems. A reading knowledge of French and German is required.

Psychological Journal Club: Dr. Leuba* and Dr. Helson.

Two hours alternate weeks throughout the year.

The advanced students meet with the instructors to hear or read reports on the literature of the subject and on the work done in the laboratory.

For graduate work in Educational Psychology see below, under "Education."

*Journal
Club*

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR: AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: ILSE FOREST, Ph.D.

INSTRUCTOR: CECELIA IRENE BAECHE, M.A.

ASSISTANT DIRECTOR OF THE EDUCATIONAL CLINIC: E. LOUISE HAMILTON, M.A.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate, and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for these degrees.

Students offering themselves as candidates for these degrees in education must have studied in undergraduate courses or their equivalent, education for twenty semester hours, or education for ten semester hours and psychology for six semester hours and psychology, sociology and statistics or any combination of these subjects for four semester hours.

THE PHEBE ANNA THORNE SCHOOL

The Phebe Anna Thorne School opened in the autumn of 1913 under the direction of the Bryn Mawr College Graduate Department of Education.

* Granted leave of absence for the year 1929-30.

It is maintained in part by an endowment of one hundred and fifty thousand dollars given by the executors of the estate of the late Phebe Anna Thorne to perpetuate her deep interest in school education and her desire to further research in the best methods of teaching school subjects. In 1922 the Phebe Anna Thorne School Association was organized and since then the school has been operated on a new financial basis. The Phebe Anna Thorne School is an integral part of the Graduate Department of Education and affords its students an opportunity to follow the work of the expert teachers of the model school and discuss in seminars conducted by the professors of education the various problems of teaching and administration as they arise from day to day. Pupils are admitted to the primary department at five years of age and to the elementary course at nine or ten years of age and will be fitted to enter Bryn Mawr and other colleges on the completion of a seven or eight years' school course. Candidates for the Teacher's Certificate or for higher degrees will be given an opportunity of attending systematic observation classes in the Phebe Anna Thorne School. It is believed that the opportunity of studying the newest approved methods of secondary teaching will enable teachers who have studied in the Graduate Department of Education to teach more efficiently and to command materially higher salaries.

A limited number of Apprentice Teachers are taken in the Phebe Anna Thorne School, who give one-third of their time to the School. The remaining two-thirds of their time are given to graduate work in Bryn Mawr College. This work is directly related to the school work. One-third must be in methods of teaching in their field. The rest may be Educational Psychology, Child Psychology or in the subjects to be taught.

GRADUATE COURSES

Graduate Courses

Six hours a week of seminary work are offered in each year to graduate students of education. In addition there are offered observation classes in the Phebe Anna Thorne School and other schools. The Department of Education also conducts an Educational Clinic in which examinations are made and advice given in regard to cases of retardation in special school subjects, general retardation, or any other maladjustment to school environment. Students electing education as their major subject for the degree of Doctor of Philosophy may elect educational psychology, educational methodology, economics, social economy, social history, social psychology, or experimental and systematic psychology, as the associated minor. The list of approved independent minors will be found in the Regulations of the Academic Council.

Seminary in Advanced Mental Measurements: Dr. Rogers.

Two hours a week throughout the year.

(Given in each year)

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement and to training in research in applied psychology. The seminary in Advanced Educational Psychology may be offered in place of this seminary in certain years in accordance with the needs and preparation of students.

Seminary in Advanced Educational Psychology: Dr. Rogers.*Two hours a week throughout the year.**(Given in each year)*

The main problems of educational psychology, and especially the psychology of elementary and high school subjects are studied from a theoretical and experimental point of view.

Seminary in Social Education: Dr. Forest.*Two hours a week during the first semester.**(Not given in 1928-29)***Seminary in Theory of Education: Dr. Forest and Miss Baechle.***Two hours a week throughout the year.**(Given in each year)*

This seminary is organized to give students experience in recognizing and solving in actual practice some of the problems inherent in teaching their major subject to high school and elementary school pupils. The work will include a study of child development and behavior in direct relation to problems of curriculum making and class room method. The seminary is planned with special reference to the needs of students taking their first year of graduate study in education.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers and Mrs. Hamilton.*Three hours a week throughout the year.**(Given in each year)*

This seminary gives training in the diagnosis of educational difficulties at all levels and of behavior difficulties of the nursery and elementary school child, also practical experience in giving remedial treatment as well as a critical study of the diagnosis and remedial methods now in use. The seminary is especially recommended to students preparing for work in child guidance clinics, for child welfare work and as visiting teachers.

Seminary in Child Psychology: Dr. Forest.*Two hours a week throughout the year.**(Given in alternate years)*

This course offers first year graduate students the opportunity for the study of the characteristic mental and emotional traits of growing children. Personality studies will be made at various age levels, and members of the class will be given some experience in remedial work with normal children who present behavior difficulties.

Seminary in Principles of Education: Dr. Forest.*Two hours a week throughout the year.**(Given in alternate years)*

This seminary will be devoted to the study of modern educational theory, and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method, and school administration directly in line with the interests of individual students will be discussed in the seminary, and will in so far as possible determine the content of the theoretical readings in the philosophy of education.

Journal Club in Education: Dr. Rogers, Dr. Forest and Miss Baechle.*Two hours once a fortnight throughout the year.***Journal
Club**

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism.

Classical Archæology

PROFESSOR:	RHYS CARPENTER, * Ph.D.
ASSOCIATE PROFESSOR:	MARY HAMILTON SWINDLER, Ph.D.
LECTURER:	PRENTICE DUELL, M.Arch.

* Granted leave of absence for the years 1927-29 to fill the post of Director of the School for Classical Studies in Athens.

Two archæological seminars of two hours a week each and a graduate lecture course of one hour a week throughout the year are offered to graduate students who have done elementary archæological work, and also a journal club meeting one and a half hours a fortnight. In addition individual students will be directed in special work by means of private conferences.

GRADUATE COURSES

Graduate Courses

Two seminars in archæology, a graduate course, and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable*, and familiarity with both Greek and Latin, though not required, is of the utmost value for graduate work in archæology.

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman Coins, facsimiles of gems and seals, and a collection of original vase fragments many of which are by Roman masters.

Students electing classical archæology as a major subject for the degree of Doctor of Philosophy must have taken the major undergraduate course in Greek and the first year undergraduate course in Latin or courses equivalent to these.

Archæological Seminary: Dr. Carpenter.* *Two hours a week throughout the year.*
(Given in each year)

This seminary is open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

1928-29: Hellenistic and Graeco-Roman Architecture.

1929-30: Fifth Century Greek Sculpture.

1930-31: Greek Minor Arts (Coins, Gems, Terra-cotta).

Greek Epigraphy: Dr. Carpenter.* *One hour a week throughout the year.*
(Given in each year)

In the first semester the origin of the Greek alphabet and the epichoric forms are studied. Roehl's *Imagines* and Part I of Robert's *Introduction to Greek Epigraphy* are used as textbooks. In the second semester a variety of inscriptions of artistic and topographic interest are read. The emphasis is archæological rather than linguistic or politico-historical.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1928-29: Greek Sculpture with Particular Emphasis on the Archaic period.

The course will include the study of some Fifth Century material.

1929-30: Aegean Archæology with Emphasis on the Recent Discoveries in Crete and Mycenae.

1930-31: Ancient Painting, including a Detailed Survey of Cretan Frescoes, Painted Plaques, Stelæ, and Sarcophagi, Greek Vases, Paintings found in Etruscan Tombs, Pompeian Wall Decoration, and the Mummy Portraits from the Fayum.

Journal Club

Archæological Journal Club: Dr. Carpenter,* Dr. Swindler and Mr. Duell. *One and a half hours a fortnight throughout the year.*

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

* Granted leave of absence for the years 1927-29 to fill the post of Director of the School for Classical Studies in Athens.

History of Art

PROFESSOR: GEORGINA GODDARD KING, M.A.

ASSOCIATE PROFESSOR: ERNST DIEZ, Ph.D.

GRADUATE COURSES

Four hours a week of seminary work are offered each year to graduate students of history of art accompanied by the direction of private reading and original research, and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminaries announced, other courses will be provided as need for them arises, and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to ten hours a week may be elected by graduate students.

Graduate Courses

Seminary in History of Art: Miss King. *Two hours a week throughout the year.*

(Given in each year)

1928-29: Spanish Painting; The Golden Century.

In this course the sources and development of Spanish painting are considered, from the early miniature down to the work of living painters, a single epoch being selected in any one year. Students are expected to learn something about the Spanish character and history and to make short trips to see paintings on exhibition in America.

1929-30: Romanesque Origins.

The theories of Dieulafoy, Rivoira and Strzygowski will be examined and appraised, and special regions particularly studied, while the students give close attention to individual monuments. This course may be varied from year to year so as to permit a student's following it for more than one year, if desirable.

1930-31: Spanish Painting; Early Manuscripts to the Primitives, ending arbitrarily in 1550.

Either in 1931-32 or in the following year the subject will be Renaissance Sculpture and the students will be expected to study the various aspects of the art in the different countries of Europe, as well as the development of particular sculptors.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature, and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain aesthetic problems will be considered in successive years.

Seminary in History of Art: Dr. E. Diez.

Two hours a week throughout the year.

(Given in each year)

1928-29: Introduction in the Research Methods of History of Art.

1929-30: Oriental Art.

Different problems of Mohammedan, Indian, and Far Eastern Art will be treated. Emphasis will be placed upon discussion of the relations between Western and Eastern Asiatic art.

1930-31: The Origin of Baroque Art in Italy and Other Countries.

The transition from Renaissance to Baroque in architecture as well as in sculpture and painting will be studied. Emphasis will be placed upon reading and commenting on the literature of the Baroque period.

**Journal
Club**

Journal Club in the History of Art: Miss King and Dr. E. Diez.

Two hours once a fortnight throughout the year.

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archæology and the History of Art and for discussion of current exhibitions.

ADVANCED UNDERGRADUATE COURSES**Advanced
Courses**

Renaissance Sculpture: Miss King.

Three hours a week throughout the year.

(Given in each year)

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

Spanish Architecture: Miss King.

Three hours a week throughout the year.

(Given in 1928-29 and again in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Spanish Primitives: Miss King.

Three hours a week throughout the year.

(Given in 1929-30)

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Oriental Art: Dr. E. Diez.

Two hours a week throughout the year.

(Given in 1929-30)

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the æsthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez.

Two hours a week throughout the year.

(Given in 1928-29 and also 1930-31)

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the seventeenth and eighteenth centuries.

Music

PROFESSOR: HORACE ALWYNE, F.R.M.C.M.

GRADUATE COURSES**Graduate
Courses**

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be

allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

Canon and Fugue: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tone-quality, range, technique, etc.—with the grouping of the instruments—strings, woodwind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

Mathematics

ASSOCIATE PROFESSOR: DAVID VERNON WIDDER, Ph.D.

NON-RESIDENT LECTURER: ANNA PELL-WHEELER, Ph.D.

INSTRUCTORS: MARGUERITE LEHR, Ph.D.

HENRY HOWES PIXLEY, M.A.

GRADUATE COURSES

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by

*Graduate
Courses*

the direction of private reading and original research. The subjects vary from year to year so that the seminaries may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students. Students who elect mathematics as a major subject for the degree of Doctor of Philosophy are required to elect mathematics also as an associated minor.

Theory of Functions of a Complex Variable: Dr. Widder.

Two hours a week throughout the year.

(Given in 1929-30)

This course includes the Cauchy and Weierstrass developments. Doubly periodic functions and analytic extension are two topics which are discussed.

(Given in 1928-29)

Theory of Linear Integral Equations: Dr. Pell-Wheeler.

Two hours a week throughout the first semester.

The classical theories of Volterra, Hilbert and Schmidt form the major part of the course.

Theory of Linear Equations in Infinitely Many Variables: Dr. Pell-Wheeler.

Two hours a week throughout the second semester.

Partial Differential Equations of Mathematical Physics: Dr. Widder.

Two hours a week throughout the year.

Geometry on a Curve: Dr. Lehr.

Two hours a week throughout the year.

(Given in 1930-31)

Considerations of linear systems of plane curves and of rational and birational transformations lead to the theory of linear systems of groups of points on an algebraic curve, and the characterization of curves by such systems, as obtained by Bertini, Castelnuovo, and Severi.

Differential Geometry: Dr. Lehr.

Two hours a week throughout the year.

(Given in 1928-29)

Journal Club

Mathematical Journal Club: Dr. Widder, Dr. Lehr and Mr. Pixley.

One hour a fortnight throughout the year.

The journal club holds fortnightly meetings at which reports on special topics or memoirs are presented by the instructors and the graduate students.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

The advanced courses chosen from any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder.

Three hours a week throughout the year.

Interpolation and Approximation: Dr. Widder.

Three hours a week during the first semester.

Vector Analysis and Applications: Dr. Widder.

Three hours a week during the second semester.

Plane Cubic Curves: Dr. Lehr.	<i>Three hours a week throughout the year.</i>
Modern Geometry: Dr. Lehr.	<i>Three hours a week throughout the year.</i>
Projective Geometry: Dr. Lehr.	<i>Three hours a week throughout the year.</i>
Applications of Calculus: Mr. Pixley.	<i>Two hours a week throughout the year.</i>

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.
JAMES BARNES, Ph.D.

GRADUATE COURSES

The graduate seminars consist of lectures, laboratory work, and original research under the direction of the instructors, the subjects varying from year to year so that the seminars may be pursued by students through consecutive years. A good working library containing the current and bound numbers of all the important physical journals is kept in the laboratory. Students electing physics as their major subject for the degree of Doctor of Philosophy may elect it also as the associated minor, provided either mathematics or applied mathematics is taken as the independent minor; or mathematics or applied mathematics may be taken as the associated minor.

Graduate Courses

Seminary in Physics: Dr. Huff. *Three hours a week throughout the year.*
(Given in alternate years)

1928-29: Radio-activity and Discharge of Electricity Through Gases. *1st semester.*

The earlier lectures treat of the effects of fields on the path of a moving charged particle. A discussion of typical experimental methods of measuring velocity and the ratio of charge to the mass follows. After a study of the phenomena of electrical discharge and of radio-activity a brief account of theories is given.

Electron Theory.

2nd semester.

In the Electron Theory the mathematical development of the subject is first dealt with and this is followed by experimental tests of theory.

Seminary in Physics: Dr. Barnes. *Three hours a week throughout the year.*
(Given in alternate years)

1929-30: Radiation.

The modern developments of radiation from cosmic to infra-red will be considered.

1931-32: A General Mathematical Discussion of Physical Optics.

Students will be expected to give detailed reports on the methods and results of investigations which illustrate the theory. When it seems desirable two and a half hours of experimental work will be substituted for one hour of the seminary.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned

Advanced Courses

with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

Electricity and Magnetism: Dr. Huff. *Three hours a week throughout the year.*
(Given in 1929-30)

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff. *Three hours a week during the first semester.*
(Given in 1931-32)

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff. *Three hours a week during the second semester.*
(Given in 1931-32)

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes. *Three hours a week throughout the year.*
(Given in 1932-33)

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes. *Three hours a week during the first semester.*
(Given in 1930-31)

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes. *Three hours a week during the second semester.*
(Given in 1930-31)

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW,* Ph.D.
ASSOCIATE PROFESSOR:	LOUIS FREDERICK FIESER, Ph.D.
LECTURER:	BEVERIDGE JAMES MAIR, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

* On leave of absence for the year 1928-29. The seminars announced by Professor Crenshaw are given by Dr. Mair.

GRADUATE COURSES

The graduate courses in chemistry consist of lectures upon inorganic, organic, and physical chemistry, seminars, reports upon current chemical literature, and laboratory work. A reading knowledge of French and German is indispensable.

*Graduate
Courses*

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw, or in organic chemistry under the direction of Dr. Fieser.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.*

Two hours a week throughout the year.

(Given in each year)

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw.*

One hour a week throughout the year.

(Given in each year)

The work of the seminary consists of lectures, required reading, and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Fieser.

One hour a week throughout the year.

(Given in each year)

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which the student is engaged.

Graduate Organic Chemistry: Dr. Fieser. *One hour a week throughout the year.*

(Given in each year)

Lectures, reading, and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

Chemical Journal Club: Dr. Crenshaw,* Dr. Fieser, Dr. Mair and Miss Lanman.

One hour a week throughout the year.

*Journal
Club*

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

* On leave of absence for the year 1928-29. The seminars and courses announced by Professor Crenshaw are given by Dr. Mair.

Physical Chemistry: Dr. Crenshaw.* *Two hours a week throughout the year.*

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser.

Two hours a week throughout the year.

(Given in each year)

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: free radicals, quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman.

One hour a week throughout the year.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Geology

ASSOCIATE: CHARLES SPARLING EVANS, Ph.D.

ASSOCIATE: MARLAND PRATT BILLINGS, Ph.D.

GRADUATE COURSES

Graduate Course

The seminars in petrology and crystallography should be preceded by the major and advanced undergraduate courses or their equivalents and are intended primarily for graduate students wishing to make inorganic geology a major subject for the degree of Doctor of Philosophy. The seminary in crystallography is also intended to meet the needs of graduate students in chemistry who wish to make crystallography a minor subject for the degree of Doctor of Philosophy. The seminary in invertebrate palaeontology is designed primarily for graduate students wishing to make organic geology a major subject for the degree of Doctor of Philosophy. Further seminars in petrology and palaeontology will be arranged to suit the requirements of candidates for the degree of Doctor of Philosophy and research problems will be assigned.

Students may specialize either in petrology and crystallography, under the direction of Dr. Billings, or in stratigraphic geology and palaeontology,

* On leave of absence for the year 1928-29. The seminars and courses announced by Professor Crenshaw are given by Dr. Mair.

under the direction of Dr. Evans, but students who make inorganic geology the major subject of examination must take either organic geology, economic geology or inorganic chemistry as the associated minor and students who elect organic geology as the major subject, must take either inorganic geology or biology as the associated minor.

Seminary in Petrology or Crystallography or Metamorphic Geology:
Dr. Billings. *Three hours a week throughout the year.*

(Given in each year)

The seminary is conducted by means of lectures, informal discussions, required reading, laboratory work, and formal reports. The selection of subjects in petrology is dependent upon the needs of the individual students and is varied from year to year. In crystallography direction is given in crystal measurement with the two-circle goniometer, in crystal projection, and crystal drawing. When metamorphic geology is the subject of the seminary the products and processes of anamorphism and katamorphism are investigated and classified.

Seminary in Invertebrate Palæontology or Economic Geology: Dr. Evans. *Three hours a week throughout the year.*

(Given in each year)

Invertebrate Palæontology.

The course is intended as an introduction to research work in palæontology. Practice is given in preparation of material and in identification. Several biologic groups are traced through their geologic range.

Economic Geology.

The occurrence and origin of metallic and non-metallic mineral deposits. Practice is given in interpretation of textures and structures of polished ore specimens.

Geological Journal Club: Dr. Evans and Dr. Billings.

Two hours once a fortnight throughout the year.

*Journal
Club*

The graduate students and the instructors meet for the presentation and discussion of recent geologic literature.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Petrography: Dr. Billings.

Three hours a week throughout the year.

(Given in each year)

During the first semester the lectures deal with the principles of optical crystallography, the optical means of mineral determination, and the petrographic characters of rock-forming minerals. In the second semester the textures, constitution, origin, geographic distribution, and geologic associations of igneous rocks are treated. Practice is given in the quantitative system of classification. Special field problems may be given to the students of independent solution.

Determinative Mineralogy: Dr. Billings. *Two hours a week throughout the year.*

(Given in each year)

In this course lectures and laboratory practice deal with the determination of minerals by means of physical tests and by blow-pipe analysis. Special emphasis is placed on crystal form and practice is given in the use of the two-circle contact goniometer.

Palæontology and Stratigraphy: Dr. Evans.*Three hours a week throughout the year.**(Given in each year)*

The work of the first semester consists of lectures and laboratory work in systematic Palæontology. The broader aspects of evolution are dealt with but more attention is given to evolution within each smaller invertebrate group (Phylum or Class).

The work of the second semester deals with Stratigraphy. A brief consideration of the various zones and types of deposition is followed by a study of successive formations of North America, with their faunas. Correlation forms an important topic.

Advanced Physiography: Dr. Evans.*Two hours a week throughout the year.*

The course deals with the form and development of selected areas.

Biology**PROFESSOR:****DAVID HILT TENNENT, Ph.D.****ASSOCIATE PROFESSOR:****FRANZ SCHRADER, Ph.D.****LECTURER:****DOROTHEA EGLESTON SMITH, Ph.D.****GRADUATE COURSES****Graduate Courses**

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department amounting to nine hours a week may be elected by graduate students. The advanced courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent and Dr. F. Schrader or in physiology or biochemistry under the guidance of Dr. Smith.

Seminary in Zoölogy: Dr. Tennent.*Three hours a week throughout the year.**(Given in each year)*

1928-29 and 1930-31: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

1929-30: Embryology of Invertebrates.

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation, and a discussion of the bearing of these questions on evolution and inheritance.

Seminary in Heredity and Sex: Dr. F. Schrader.*Three hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

The work includes a discussion of biometrical methods: of Mendelism; of cases not interpreted on a Mendelian basis; of the application of genetics to animal and plant breeding; of the determination of sex.

Seminary in Biochemistry: Dr. Smith.*Three hours a week throughout the year.**(Given in each year)*

This course consists of supervised reading on selected topics, and pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite.

Laboratory Work: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

Biological Journal Club: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

One hour a week throughout the year.

**Journal
Club**

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

**Advanced
Courses**

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.

One hour a week throughout the year.

(Given in 1928-29 and again in 1930-31)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

Embryology of Vertebrates: Dr. Tennent.

One hour a week throughout the year.

(Given in 1929-30)

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick, and Pig. At least four hours of laboratory work are required.

The course is divided as follows: first semester, Early stages of Development; second semester, Organogeny.

Biology of Bacteria and Protozoa: Dr. F. Schrader.

One hour a week throughout the year.

(Given in 1929-30)

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

1st Semester.**Biochemistry: Dr. Smith.**

Three hours a week.

Laboratory Work: Dr. Smith.

Six hours a week.

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed, the Major Course in chemistry will be admitted.

2nd Semester.

Physiology: Dr. Smith.

Three hours a week.

Laboratory Work: Dr. Smith.

Six hours a week.

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1928-29 students who have completed the first semester's work in the Major Course in biology and can meet the pre-requisite in chemistry, may enter this course.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the course offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

FREE ELECTIVE COURSE

*Free
Elective
Course*

Theoretical Biology: Dr. Tennent.

*One hour a week throughout the year.**(Given in each year)*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

Fellowships and Graduate Scholarships

Application for resident fellowships or scholarships should be made as early as possible to the President of the College, and must be made not later than the fifteenth of February preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

*Date of
Application
for
Fellowships
and
Scholarships*

European Traveling Fellowships

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

*Bryn Mawr
European
Fellowship*

*The Mary Elizabeth Garrett European Fellowship** of the value of \$1,000 was founded by Miss Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student still in residence who has completed at least three semesters† of graduate studies at Bryn Mawr College. The fellowship is to be applied towards the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

*Mary
Elizabeth
Garrett
European
Fellowship*

Since this fellowship is awarded to assist candidates for the Doctor's degree at Bryn Mawr College to complete their preparation, it is understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

The Anna Ottendorfer Memorial Research Fellowship in German and Teutonic Philology of the value of \$1,200 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some German university and is offered annually to a graduate student who has

*Anna
Ottendorfer
Memorial
Research
Fellowship*

* By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

† In the case of half-time students, two semesters count as one.

completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

**Fanny
Bullock
Workman
Fellowship**

The Fanny Bullock Workman Fellowship of the value of \$1,500, to be held during a year of study or research abroad, is offered annually to a graduate student studying at Bryn Mawr College. The holder of the fellowship must be a student of proved ability who is working for the degree of Doctor of Philosophy and who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

Resident or Traveling Fellowship

**Helene and
Cecil Rubel
Foundation
Fellowship**

The Helene and Cecil Rubel Foundation Fellowship of the value of \$1,500 was founded in 1920 by Miss Helene Rubel of New York City, to be awarded in each year by the Faculty of Bryn Mawr College with the approval of the donor. The fellowship may be awarded to any woman who has at any time studied in the graduate school of Bryn Mawr College long enough to have shown her ability irrespective of whether her work is planned to lead to a degree or not, and may be used by the holder, with the approval of the Faculty, in whatever way may best advance the purpose she has in mind. The fellowship may be held at any centre of education that may be selected by the student and approved by the Faculty as best suited to her individual needs, or may, in special cases, be used as a traveling fellowship to give opportunity for the study of conditions in which the student may be interested in different parts of the world. The fellowship shall be awarded to the best student but if she can afford to carry out her plans with her own income she shall return the amount of the fellowship to the college to be used by another student in the same year.

Resident Fellowships

**Helen
Schaeffer
Huff
Memorial
Research
Fellowship**

The Helen Schaeffer Huff Memorial Research Fellowship founded in 1913, of the value of \$1,200, is offered annually to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics. The fellowship may under exceptional circumstances be awarded in con-

secutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

Twenty-three resident fellowships, of the value of \$810 each, are offered annually in Greek, Latin, English, Romance Languages (two fellowships), German, Biblical Literature, History, Philosophy, Psychology, Education, Archæology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology, the Justus C. Strawbridge Fellowship in Economics and Politics, two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research, and two Grace H. Dodge Memorial Fellowships in Industrial Relations and Personnel Administration. They are open for competition to graduates of any college of good standing and will be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

*Department
Fellowships*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

An Intercollegiate Community Service Association Joint Fellowship† was established in 1915 and is offered annually by the Intercollegiate Community Service Association and by the Bryn Mawr Alumnae Association to a Bryn Mawr College graduate or to a candidate who has successfully pursued one year's work in the Carola Woerishoffer Graduate Department who wishes to prepare herself for social work. The value of the fellowship is \$800, \$200 of which is given by the college to meet the tuition fee. The holder of the fellowship may live in the College Settlement in Philadelphia, in which case the student must give her entire time to the work of the Department of Social Economy, the practicum, carried on in the Settlement under the direction of the Head Worker and of the Director of the Department, occupying one-third of her time. The charge for board and lodging in the Settlement will not exceed \$7 a week. Applications may be made to the Chairman of the I. C. S. A. Committee on Fellowships, 84 First Street, New York City.

*Inter-
collegiate
Community
Service
Association
Joint
Fellowship*

DUTIES OF RESIDENT FELLOWS

Fellows are expected to attend all college functions, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the halls of residence and in the seminaries; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct

*Duties of
Resident
Fellows*

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

† The term fellowship is used here because adopted by the Intercollegiate Community Service Association. The condition of one year's graduate study required of candidates for Bryn Mawr College resident fellowships does not apply. This fellowship will not be awarded after the year 1928-29.

and to conform to the Self-Government regulations. They are required to reside in the college and are assigned rooms by the Secretary and Registrar of the College. They are charged the usual fee of seven hundred and thirteen dollars and fifty cents for tuition, board, room-rent, infirmary fee and athletic fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Resident Graduate Scholarships

Resident Scholarships

Twenty Graduate Scholarships, of the value of \$350 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing. Scholars may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the President.

Robert G. Valentine Memorial Scholarship

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$350 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

Grace H. Dodge Scholarships

Two Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations of the value of \$350 each, are offered annually and are open for competition to graduates of any college of good standing.

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the Settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

Scholarship in Music

A Scholarship in Music, available for graduate or undergraduate students in need of financial aid is offered each year by the "Music Fund" of Boston, Massachusetts, to students training themselves to become teachers of music in public or private schools or colleges. The value of the scholarship is \$350 to \$500 and it is awarded on the recommendation of Mr. Thomas Whitney Surette, Chairman of the Music Fund, and Mr. Horace Alwyne, Director of the Department of Music. Undergraduates must satisfy the requirements in ear training and pianoforte playing; graduates must be qualified in sight-singing, musical dictation, pianoforte playing and sight reading, harmony, history and appreciation of music (a two-year course).

Graduate Prize

Susan B. Anthony Memorial Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

From 1910 to 1928 the Memorial of Susan B. Anthony was a graduate scholarship in social economy or politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. As in the past eighteen years very few such studies have been published, the form of the memorial has been changed to a prize with the consent of the surviving donor, Miss Lucy E. Anthony.

Beginning in June, 1930, it will be awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future.

The award will be made by the President of the College, acting as chairman, and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written, and two from allied or associated departments.

*Scholarships for Foreign Women**

Five graduate scholarships, of the value of one thousand dollars each, are offered annually to women students outside the United States and Canada. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing, that is, a three or four years' university course.† It is *essential* that applicants should be able to speak and understand English. Application for these scholarships should be made before April first. Renewal of the scholarships for a second year will not be granted except in very exceptional cases. Holders of the scholarships are required to be in continuous residence at the college and to follow regular approved courses of study.

*Scholarships
for Foreign
Women*

The cost of board, residence and tuition for the academic year is \$715, and an additional charge of \$15 a week is made for students who remain at the college during the three weeks of the Christmas and Easter vacations. The value of the scholarship, \$1000, therefore covers more than the fixed college expenses, and the remainder may be applied toward the

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates, and by letters of recommendation from professors, and should be addressed to the office of the President, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A. Through coöperation with the Institute of International Education, 2 West 45th Street, New York City, applications from nationals of the countries with which the Institute maintains international student exchange relations, should be addressed to the Institute representatives in those countries:—Austria: Dr. Paul Dengler, Austro-American Institute of Education, I Elizabethstrasse 9, Vienna; Czechoslovakia: Dr. Frantisek Praus, Ministry of Education, Nostic Palace, Prague III; France: Monsieur A. V. Desclos, Office National des Universités et Écoles Françaises, 96 Boulevard Raspail, Paris; Germany: Dr. A. Morsbach, Akademischer Austauschdienst, Schloss Portal III, Berlin C 2; Hungary: Dr. Dennis Jánossy, Ministry of Education, V. Bathory-utca 12, Budapest; Switzerland: Dr. Arthur Rohn, Eidgenössische Technische Hochschule, Zurich.

† For British women the degree of Bachelor of Arts, for French women the *Licence*, for Norwegian and Swedish women the *Cand. Philol.*, or their equivalents are desired.

***Duties of
Resident
Scholars***

other expenses which must be met by the student, i. e., traveling expenses to and from Europe, books, laundry, and all incidental personal expenses.

DUTIES OF RESIDENT SCHOLARS

Scholars are expected to reside in the college, to attend all college functions, to wear academic dress and to assist in the conduct of examinations. They may undertake, while holding a scholarship, only a very limited amount of teaching or other paid work, approved in advance by the President. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

Students' Loan Fund

The Students' Loan Fund was founded by the Class of 1890 for the use of able students whether or not they hold scholarships who need to borrow money in order to continue their college course, and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnæ Scholarships and Fund Committee.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance with the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$9,000 yields sufficient income to provide tuition for one undergraduate or two graduate students at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
.....to be invested and preserved inviolably for the endowment
of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 122,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 2 P. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over twelve thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments, and, in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library*, and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M., and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents, and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes, and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college, and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German, and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

- Abhandlungen der Königlich Bayerischen Akademie der Wissenschaften zu München.
 American Mercury.
 *Amherst Graduates' Quarterly.
 Asia
 Atlantic Monthly.
 Bookman.
 Bookman (English).
 Bookseller.
 *Bryn Mawr Alumnae Bulletin.
 Bulletin of Bibliography.
 *Bulletin of the New York Public Library.
 Century.
 China Weekly Review.
 Congressional Digest.
 Contemporary Review.
 Cumulative Book Index.
 Deutsche Rundschau.
 Dial.
 Drama.
 Edinburgh Review.
 English Review.
 La Esfera.
 Foreign Affairs.
 Fortnightly Review.
 Forum.
 Göttingische Gelehrte Anzeigen.
 Harper's Monthly Magazine.
 L'Illustration.
 International Index to Periodicals.
 Irish Statesman.
 Jahresverzeichnis der an den deutschen Universitäten und Technischen Hochschulen erschienenen Schriften.
 *Japan Society Bulletin.
 *Johns Hopkins University, Circulars.
 Library Journal.
 Literary Digest.
 Living Age.
 London Mercury.
 Mercure de France.
 Mind and Body.
 Minerva-zeitschrift.
 *Monthly Bulletin of the Carnegie Library of Pittsburgh.
 Musical Quarterly.
 Nachrichten von der Königlich Gesellschaft der Wissenschaften Göttingen.
 Nation, N. Y.
 Nation and Athenaeum.
 Neue Rundschau.
 New Republic.
 New Statesman.
 New York Times Index.
 Nineteenth Century.
 North American Review.
 Nouvelle Revue Française.
 Nuova Antologia.
 Outlook.
 Philadelphia Symphony Orchestra Program.
 Preussische Jahrbücher.
 Public Affairs Information Service Bulletin.
 Publishers' Weekly.
 Punch.
 Quarterly Review.
 Reader's Guide to Periodical Literature.
 Review of Reviews.
 Revista de Occidente.
 Revue Critique d'Histoire et de Littérature.
 Revue de Paris.
 Revue des Deux Mondes.
 Revue Politique et Littéraire; Revue Bleue.
 Saturday Review.
 Scientia.
 Scribners Magazine.
 Sewanee Review.
 Sitzungsberichte der Königlich Bayerischen Akademie der Wissenschaften.
 Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften zu Berlin.
 *Southern Workman.
 Spectator.
 Theater Arts Monthly.
 (Der) Türmer.
 *University of California, Publications.
 *University of Missouri, Studies.
 *University of Nebraska, Studies.
 *University of Texas, Studies.
 *University of Washington, Studies.
 Westermann's Monatshefte.
 World's Work.
 Zeitschrift für Ästhetik.

Newspapers

- *College News, Bryn Mawr.
 El Sol.
 *Home News, Bryn Mawr.
 London Times.
 New York Times.
 Philadelphia Public Ledger.
 United States Daily.

*Presented by the Publishers.

Art and Archaeology

- American Journal of Archaeology.
 Die Antike.
 Archæologike Ephemeris.
 Archiv für Papyrusforschung.
 Archivo español de Arte y Arqueologia.
 Art and Archaeology.
 Art Bulletin.
 Art in America.
 L'Arte.
 Beaux-Arts.
 Berliner Museen.
 Boletín de la Sociedad Española a Excursiones.
 British School at Athens, Annual.
 *Bulletin of the Cleveland Museum of Art.
 Bulletin of the Metropolitan Museum of Art, New York.
 Bulletino della Commissione archæologica comunale de Roma.
 *Bulletin of the Rhode Island School of Design.
 Burlington Magazine.
 Dedalo.
 Emporium.
 Gazette des Beaux Arts.
 International Studio.
 Jahrbuch der königlich preussischen Kunstsammlungen.
 Jahrbuch des Archæologischen Instituts.
 Jahreshefte des Österreichischen Archæologischen Instituts in Wien.
 Journal of the American Institute of Architects.
 Journal of Egyptian Archaeology.
 Journal of Hellenic Studies.
 Journal international d'archéologie numismatique.
 Mittheilungen und Nachrichten des Deutschen Palästina Vereins.
 Mittheilungen des Deutschen Archæologischen Instituts, Athenische Abteilung.
 Mittheilungen des Deutschen Archæologischen Instituts, Römische Abteilung.
 Monumenti Antichi.
 Museum Journal.
 *Museum of Fine Arts Bulletin, Boston.
 Notizie degli Scavi di Antichità.
 Rassegna d'arte.
 Rassegna d'arte Senese.
 Revue archéologique.
 Revue de l'art.
 Rivista d'arte.
 Syria.
 Zeitschrift des Deutschen Palästina Vereins.
 Zeitschrift für bildende Kunst.

Economics and Politics

- *Advocate of Peace.
 All Opinions of the U. S. Supreme Court.
 *American Association for International Conciliation. Publications.
 American City.
 American Economic Review.
 American Federationist.
 American Journal of International Law.
 American Municipalities.
 American Political Science Review.
 Annalist.
 Annals of the American Academy of Political and Social Science.
 Columbia Law Review.
 Columbia Studies in History, Economics, and Public Law.
 Commerce Monthly.
 Commerce Reports.
 *Congressional Record.
 Economic Journal.
 Good Government.
 Great Britain, Consolidated List of Parliamentary Publications.
 Handbuch der öffentlichen Rechte.
 Harvard Business Review.
 Harvard Law Review.
 Jahrbücher für Nationalökonomie und Statistik.
 Johns Hopkins University Studies in Historical and Political Science.
 *Journal du Droit international.
 Journal of Comparative Legislation.
 Journal of Criminal Law.
 Journal of Political Economy.
 Journal of the Royal Statistical Society.
 League of Nations Official Journal.
 League of Nations Treaty Series.
 Local Government Abroad.
 Municipal Journal, London.
 National Municipal Review.
 National Tax Association Bulletin.
 Paix par le Droit.
 Political Science Quarterly.
 Polybiblion; Revue Bibliographie.
 Proceedings of the Academy of Political Science.
 Public Administration.
 Public Management.
 Publications of the American Economic Association.
 Quarterly Journal of Economics.
 *Revue de Droit international.

Revue Municipale.
Short Ballot Bulletin.
*U. S. Weekly Commerce Reports.
Yale Review.

Zeitschrift für Kommunal Wirtschaft.
Zeitschrift für Volkswirtschaft, Social-
politik u. Verwaltung.

Social Economy and Social Research

*Advance.
American Child.
American Child Health Association, Transactions.
*American Flint.
American Journal of Public Health.
American Journal of Sociology.
American Labor Legislation Review.
*American Pressman.
*Bakers' Journal.
Better Times.
Bibliographie der Socialwissenschaften.
*Bridgeman's Magazine.
*Broom-makers' Journal.
*Bulletin of the New York State Department of Labor.
Bulletin of the Taylor Society.
*Carpenter.
Child Health Bulletin.
*Commercial Telegraphers' Journal.
Economic World.
*Electrical Workers' Journal.
*Elevator Constructor.
Eugenics Review.
Factory.
Family.
*Garment Worker.
*Granite Cutters' Journal.
Housing Betterment.
Industrial Arts Index.
Industrial Bulletin.
Industrial Information Service.
*Institution Quarterly.
*International Bookbinder.
International Labour Office Publications.
International Labour Review.
*International Musician.
*International Steam Engineer.
Journal of American Statistical Association.
Journal of Delinquency.
Journal of Heredity.
Journal of Industrial Hygiene.
Journal of Personnel Research.
Journal of Social Hygiene.
*Journal of the Cigar Makers' International Union.
*Journeyman Barber.
*Labor Bulletin of the Massachusetts Bureau of Statistics.
Labour Magazine.

Labour Monthly.
*Law and Labor.
*Leatherworkers' Journal.
L'Emancipation.
Life and Labor Bulletin.
Locomotive Engineer's Journal.
*Machinists' Journal.
Mental Hygiene.
Metron.
Ministry of Labour Gazette.
*Mixer and Server.
Monthly Labor Review.
*Motorman and Conductor.
National Consumers' League.
National Conference of Social Work, Bulletin and Proceedings.
*Ohio State Institute Journal.
*Painter and Decorator.
*Papermakers' Journal.
*Patternmakers' Journal.
*Paving Cutters' Journal.
*Plasterer.
Playground.
*Public Health, Michigan.
*Quarry Workers' Journal.
*Railway Carmen's Journal.
*Retail Clerks' International Advocate.
Revue des Etudes Co-operative.
Revue Internationale de Sociologie.
*Shoeworkers' Journal.
Social Forces.
Social Service Review.
Sociological Review.
Sociology and Social Research.
*Stereotypers' and Electrotypers' Journal.
Survey.
System.
*Tailor.
*Teamsters', Chauffeurs', Stablemen and Helpers' Magazine.
*Textile Worker.
*Tobacco Workers' Journal.
*Trade Union News.
*Typographical Journal.
*United Association of Journeymen Plumbers' Journal.
*U. S. Bureau of Immigration, Publications.
*U. S. Bureau of Labor Statistics, Bulletin.
*U. S. Bureau of the Census, Publication.
*U. S. Children's Bureau, Publications.
*U. S. Department of Health, Bulletin.

- *University of Illinois, Studies in Social Sciences.
 *University of Minnesota, Studies in Social Sciences.

- Werdende Zeitalter.
 World Association for Adult Education Bulletin.
 *Woodcarver.

Education

- Child Development Abstracts.
 Childhood Education.
 Education.
 Educational Administration.
 Educational Record.
 Elementary School Journal.
 Forum of Education.
 Harvard Monographs in Education.
 Industrial Education Magazine.
 Journal of Educational Psychology.
 Journal of Educational Research.
 *Journal of the American Association of University Women.
 Lehrproben und Lehrgänge.
 National Education Association, Publications.
 National Society for the Study of Education Yearbook.

- Pedagogical Seminary.
 Progressive Education.
 Revue International de l'Enseignement Supérieur.
 Revue Universitaire.
 School and Society.
 School Parent.
 School Review.
 School Science and Mathematics Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 *U. S. Bureau of Education, Bulletin.
 *University of California Publications, Education.
 Zeitschrift für pädagogische Psychologie.

History

- American Historical Association, Reports.
 American Historical Review.
 Camden Society, Publications.
 Current History.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift
 Historische Zeitschrift.
 History.

- *Illinois State Historical Society Journal.
 Jahresberichte der Geschichtswissenschaft.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Napoleon, revue.
 Pipe Roll Society, Publications.
 Révolution française.
 Revue des Questions historiques
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.

Philology and Literature, Classical

- Ægyptus.
 Bulletin bibliographique et pédagogique du Musée Belge.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Commentationes philologae jenenses.
 Dissertationes philologicæ halenses.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.
 Klio.

- Le Musée Belge, Revue de Philologie classique.
 Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Untersuchungen.
 Philologus.
 Quellen und Forschungen zur lateinischen Philologie.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.

Philology and Literature, General and Comparative

Acta Philologica Scandinavica.
 American Journal of Philology.
 Eranos.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica.
 Philological Quarterly.

Philological Society, London, Publications
 Philologische Wochenschrift.
 Speculum.
 Transactions of the American Philological Association.
 Zeitschrift für die österreichischen Gymnasien.
 Zeitschrift für vergleichende Sprachforschung.

Philology and Literature, Modern

Anglia.
 Anglistische Forschungen.
 Archiv für das Studium der neueren Sprachen.
 Archivum Romanicum.
 Arkiv for Nordisk Filologi.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bullettino della Societa Dantesca Italiana.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Chronique des lettres francaises.
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Dialect Notes.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Études italiennes.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.

Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Kieler Studien zur englischen Philologie.
 Korrespondenzblatt des Vereins für niederdeutsche Sprachforschung.
 Kritischer Jahresbericht über die Fortschritte der romanischen Philologie.
 Language, journal.
 (Les) Lettres.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Litteris.
 Malone Society, Publications.
 Marzocco.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Münchener Beiträge zur romanischen und englischen Philologie.
 Muttersprache.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revista de Occidente.
 Revista de Estudios Hispanicos.
 Revue Celtique.
 Revue des Langues Romanes.
 Revue de Litterature Comparée.
 Revue d'Histoire Littéraire de la France

Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Français, Publications.
 Société des Textes Français Modernes, Publications.
 Studien zur englischen Philologie.

Studies in Philology.
 Wiener Beiträge zur englischen Philologie.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und deutsche Litteratur.
 Zeitschrift für französische Sprache und Litteratur.
 Zeitschrift für romanische Philologie.

Philology and Literature, Semitic

American Journal of Semitic Languages and Literatures.
 Jewish Quarterly Review.
 Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
 Zeitschrift für ägyptische Sprache und Altertumskunde.
 Zeitschrift für Assyriologie.

Philosophy and Psychology

American Journal of Ophthalmology.
 American Journal of Physiological Optics.
 American Journal of Psychology.
 Annalen der Philosophie.
 Année psychologique.
 Archives de Psychologie.
 Archives of Psychology.
 Archiv für die gesammte Psychologie.
 Archiv für Geschichte der Philosophie.
 Archiv für systematische Philosophie.
 British Journal of Medical Psychology.
 British Journal of Psychology.
 Bulletin de l'Institut Psychologique.
 Comparative Psychology Monographs.
 Genetic Psychology Monographs.
 Hibbert Journal.
 International Journal of Ethics.
 Journal de Psychologie.
 Journal für Psychologie und Neurologie.
 Journal of Abnormal and Social Psychology.
 Journal of Applied Psychology.
 Journal of Comparative Psychology.
 Journal of Experimental Psychology.
 Journal of Philosophical Studies.
 Journal of Philosophy.

Mind.
 Monist.
 Philosophical Review.
 Proceedings of the Aristotelian Society.
 Proceedings of the Society for Psychical Research.
 Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
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 Psychologische Arbeiten.
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 Revue de Métaphysique.
 Revue philosophique.
 Training School Bulletin, Vineland.
 *University of Toronto Studies, Psychology Series.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.

Religion

American Friend.
 Anglican Theological Review.
 *Christian Register.
 Expository Times.
 Harvard Theological Review.
 Journal of Biblical Literature.
 Journal of Religion.
 Journal of Theological Studies.
 *Publications of the American Jewish Historical Society.

Religious Education.
 Revue biblique.
 Revue de l'histoire de Religions.
 *Spirit of Missions.
 *Woman's Missionary Friend.
 Zeitschrift für die Alttestamentliche Wissenschaft.
 Zeitschrift für die Neutestamentliche Wissenschaft.

Science, General.

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| <p>American Journal of Science.
 Atti della Reale Accademia delle Scienze di Torino.
 British Association for the Advancement of Science, Reports.
 *Bulletin of the University of Wisconsin, Science Series.
 Comptes Rendus des Séances de l'Académie des Sciences.
 Journal of Scientific Instruments.
 *Kansas University, Science Bulletin. Nature.
 *New York State Museum Bulletin.
 Philosophical Magazine.</p> | <p>Philosophical Transactions of the Royal Society of London.
 Proceedings of the American Philosophical Society.
 Proceedings of the National Academy of Sciences.
 Royal Society of London Proceedings, series A and B.
 Science.
 Scientific American.
 Scientific Monthly.
 *U. S. National Museum, Publications.
 *University of Missouri Studies, Science Series.</p> |
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Science, Biology

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| <p>American Anthropologist.
 American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt.
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoölogy.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.
 Journal of Physiology.</p> | <p>Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoölogy.
 *University of Pennsylvania, Contributions from the Zoölogical Laboratories.
 *University of Toronto Studies, Biological Series.
 *University of Toronto Studies, Physiological Series.
 *Wilson Bulletin
 Zeitschrift für Physiologische Chemie
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>American Association of Petroleum Geologists. Bulletin.
 Association of American Geographers, Annals.
 Bulletin of the Geographical Survey of Philadelphia.
 Centralblatt für Mineralogie.
 Economic Geography.
 Economic Geology.
 Geographical Journal.</p> | <p>Geological Magazine.
 Geologisches Centralblatt.
 *Illinois Geological Survey Bulletin
 Internationale Bergwirtschaft.
 Journal of Geography.
 Journal of Geology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 National Geographic Magazine.</p> |
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Neues Jahrbuch für Mineralogie, Geologie
und Paläontologie.
Pan-American Geologist.
Quarterly Journal of the Geological
Society.

Revue de Geologie.
*U. S. Monthly Weather Review.
*University of Toronto Studies, Geological
Series.

Mathematics, Chemistry, and Physics

Acta Mathematica.
American Journal of Mathematics.
American Mathematical Monthly.
Annalen der Chemie.
Annalen der Physik.
Annales de Chimie.
Annales de Physique.
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Toulouse.
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Supérieure.
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Astrophysical Journal.
Berichte der deutschen chemischen Gesell-
schaft.
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Bulletin of the American Mathematical
Society.
Cambridge Tracts in Mathematics.
Chemical Reviews.
Chemisches Zentralblatt.
Faraday Society Transactions.
Giornale di Matematiche.
Helvetica Chimica Acta.
Jahrbuch der Chemie.
Jahrbuch über die Fortschritte der
Mathematik.
Jahresbericht der deutschen Mathe-
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Journal de Chimie physique.

Journal de Mathématiques.
Journal de Physique et de le Radium.
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Mathematik.
Journal für praktische Chemie.
Journal of Physical Chemistry.
Journal of the American Chemical
Society.
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Kolloidzeitschrift.
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Physikalische Zeitschrift.
Proceedings of the London Mathematical
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* Presented by the Publishers.

LIST OF DISSERTATIONS

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* Mrs. Leicester Bodine Holland.

§ Mrs. R. H. Carpenter

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 Graduate Scholar in French, Bryn Mawr College, 1927-28.
- FOX, MARY ELIZABETH.....*Graduate Scholar in Spanish.*
 Davenport, Iowa. B.S., Colorado State College of Agriculture and Mechanical Arts,
 1926. Teacher of English at the Sunrise, Wyoming, High School, 1925-26, and of
 French and Spanish, Jamestown College, N. D., 1926-28.
- PIAZZA, KATHERINE AMY.....*Graduate Scholar in Italian.*
 Lincoln, Nebr. A.B., University of Nebraska, 1928.
- JEFFREY, MARGARET.....*Graduate Scholar in German.*
 Hawthorne, N. J. A.B., Wellesley College, 1927. Student, University of Frankfurt am
 Main, Germany, 1927-28.
- BRAND, ELIZABETH.....*Graduate Scholar in History.*
 West Hartford, Conn. A.B., Mount Holyoke College, 1928.
- DEN HARTOG, CLARA WILHELMINA.....*Graduate Scholar in History.*
 Amsterdam, Holland. *Cand. Hist.*, University of Amsterdam, 1925; *Doctoranda Hist.*, 1927.
- WILDY, FRIEDA ELIZABETH,
Carola Woerishoffer Scholar in Special Economy and Social Research.
 Boulder, Colo. A.B., University of Colorado, 1928.
- WILLIAMS, ROSALIE,
Carola Woerishoffer Scholar in Social Economy and Social Research.
 Stockton, Calif. A.B., College of the Pacific, 1928.

- BISS, IRENE MARY.....*Grace H. Dodge Scholar in Social Economy.*
Reigate, England. B.Sc., London School of Economics, 1925. Graduate Student, Girton College, Cambridge, 1925-28. Holder of the Cairnes Scholarship for Graduate Study or Research in Political Economy, awarded by Girton College, Cambridge.
- BLOODWORTH, JESSIE ATHEN...*Grace H. Dodge Scholar in Social Economy.*
Hartshorne, Okla. A.B., Oklahoma State University, 1920. Director, Social Center, Huchow, China, 1922-24; Director, Religious and Social Studies, McTyeire School, Shanghai, 1925-28.
- HANKINS, DOROTHY.....*Grace H. Dodge Scholar in Social Economy.*
Roanoke, Va. A.B., Lynchburg College, 1925. Teacher of English and Mathematics, Spring Garden, Va., 1925-26, and of Mathematics at Staunton, Va., 1926-28.
- HERMAN, FLORENCE SHELLEY, *Grace H. Dodge Scholar in Social Economy.*
Brooklyn, N. Y. A.B., Hunter College, 1928.
- VAN FLEET, JOSEPHINE....*Robert G. Valentine Scholar in Social Economy.*
Monte Vista, Colo. A.B., Colorado College, 1928.
- WALLACE, BERNICE HAMILTON.....*Graduate Scholar in Philosophy.*
Los Angeles, Calif. A.B., University of California, 1928.
- SMALL, MARY BROUGHTON.....*Graduate Scholar in Psychology.*
Montclair, N. J. A.B., Goucher College, 1928.
- FREEMAN, SARAH ELIZABETH...*Graduate Scholar in Classical Archæology.*
Blairstown, N. J. A.B., Mount Holyoke College, 1928.
- SHEPARD, KATHARINE.....*Graduate Scholar in Classical Archæology.*
New York City. A.B., Bryn Mawr College, 1928.
- HAYS, MARGARET BLANCHE.....*Graduate Scholar in Physics.*
Swissvale, Pa. A.B., Oberlin College, 1924; M.S., University of Pittsburgh, 1925. Teacher in Swissvale High School, February-June, 1926; Instructor in Physics, Hollins College, 1926-27. Fellow in Physics, Bryn Mawr College, 1927-28.
- FOWLER, ONA M.....*Graduate Scholar in Biology.*
North Adams, Mich. A.B., Hillsdale College, 1918; M.S., University of Michigan, 1919. Teacher of Biology and Chemistry, High School, Hacksville, O., 1919-21, and at the Synodical Junior College, Fulton, Mo., 1921-26. Graduate Student and Assistant in Zoölogy, University of Michigan, 1926-27 and summer of 1927; Instructor in Zoölogy, Lake Erie College, 1927-28.
- GILBERT, MARY L.....*Earlham College Scholar.*
Straughn, Ind. A.B., Earlham College, 1928.
- O'DONNELL, MARION FRANCES,
Scholar of the Society of Pennsylvania Women in New York.
Lansdowne, Pa. B.S., University of Pennsylvania, 1925; M.A., 1926.

GRADUATE STUDENTS

- ADAMS, ANNA CLINTON.....*Graduate Student in Archæology.*
Philadelphia. A.B., Bryn Mawr College, 1926.
- ALLENSWORTH, INEZ LUCILE.....*Graduate Student in Greek and French.*
Canton, O. A.B., Wooster College, 1928.
- BAKER, RUTH.....*Graduate Student in Social Economy.*
Hiram, Ohio. A.B., Hiram College, 1926. Assistant, Treasurer's Office, Hiram College, 1926-28; Secretary, Department of Social Economy and Social Research, Bryn Mawr College, 1928-29.
- BLAIR, BERTHA.....*Graduate Student in Social Economy.*
Duluth, Minn. A.B., Macalester College, 1919. Teacher of English and History, Junior High School, Duluth, 1919-20; Girl Reserve Secretary, Y. W. C. A., Kalamazoo, 1920-23, and Industrial Secretary, Y. W. C. A., Duluth, 1925-27; Carola Woerishoffer Scholar in Social Economy and Social Research, Bryn Mawr College, 1927-28, and Research Assistant, Department of Social Economy, 1928-29.
- BRILL, EVE ALGER*.....*Graduate Student in Education.*
Philadelphia. B.S., Teachers College, Columbia University, 1923. Pre-School Teacher, Phebe Anna Thorne School, 1928-29.

* Mrs. Fred A. Brill, Jr.

- BROWN, MIRIAM GRUBB.....*Graduate Student in Italian.*
Norristown, Pa. A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27; Instructor in Italian, Bryn Mawr College, 1927-29, and Graduate Student in Italian, 1927-28.
- BURTON,* AILEEN CASEY.....*Graduate Student in English.*
Philadelphia, Pa. A.B., University of Wisconsin, 1922. Graduate Student in English, Bryn Mawr College, 1927-28.
- CHARLES, JEANNE MARIE LOUISE.....*Graduate Student in English.*
Paris, France. *Baccalauréat* Latin—Langues Vivantes, Sorbonne, 1922; Philosophie 1924; Brevet d'enseignement de l'Académie de Paris, 1918; Cours de Droit, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28; and at the Phebe Anna Thorne School, 1928-29.
- CHEW,† LUCY EVANS.....*Graduate Student in Italian.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1918. Graduate Student in Italian, Bryn Mawr College, 1920-21, 1925-28.
- CLARK, ANNA H.....*Graduate Student in Social Economy.*
New York City. A.B., Smith College, 1926. Secretary, Editorial Department, *The Survey*, New York, 1926-28. Research Assistant on Social Problems, Department of Social Economy, Bryn Mawr College, 1928-29.
- COLE, GRACE MAY.....*Graduate Student in Education.*
Haverford, Pa. A.B., Wellesley College, 1917. Teacher, Faulkner School, Chicago, 1918-23, and at the Beaver Country Day School, Brookline, Mass., 1923-26. Principal, Friends' Central School, Overbrook, Pa., 1926-28, and Graduate Student, Bryn Mawr College, Sem. II, 1926-27, and 1927-28.
- COLLINS, RUTH MULFORD...*Graduate Student in English and Education.*
Piedmont, Calif. A.B., Mills College, 1927. Graduate Student, University of California, 1927-28.
- CRANE, HELEN BOND.....*Graduate Student in English and Music.*
Timonium, Md. A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Secretary, Y. W. C. A., Foochow, China, 1913-16; Associate Educational Secretary, Student Volunteer Movement, 1919-24, Editorial Work, 1926-28. Director of the Bureau of Recommendations and Warden of Denbigh Hall, Bryn Mawr College, 1928-29.
- DUELL,‡ ANNA OTIS.....*Graduate Student in Latin and Greek.*
Rosemont, Pa. A.B., Smith College, 1924. Student, American School of Classical Studies, Rome, 1924-25.
- ELSEY, FLORENCE.....*Graduate Student in Social Economy.*
Atchison, Kans. A.B., Stanford University, 1917.
- EVANS,§ JEAN GRAHAM, *Graduate Student in History of Art and Economics.*
Bryn Mawr, Pa. A.B., University of Toronto, 1919. Graduate Student, Faculty of Education, University of Toronto, 1923-24. Teacher, Home Economics, Technical School, Galt, Can., 1924-28.
- FAISSLER, JANE FRANCES.....*Graduate Student in Psychology.*
Sycamore, Ill. A.B., University of Illinois, 1926. Graduate Scholar in Psychology, Bryn Mawr College, 1926-27, Fellow in Psychology, 1927-28, and Demonstrator in Psychology, 1928-29.
- FINCH, EDITH.....*Graduate Student in French.*
Greenfield, Mass. A.B., Bryn Mawr College, 1922; B.A., Oxford University, 1924, and M.A., 1928. Student, University of Oxford, 1922-24, and in Paris, 1925-26. Reader in English, Bryn Mawr College, 1924-25; Graduate Student in English and French, 1926-28, and Instructor in English, 1928-29.
- FINKENTHAL, CHARLOTTE CAROLYN.....*Graduate Student in German.*
Cleveland, O. A.B., Western Reserve University, 1925. Teacher of German, French and Latin, Cleveland High Schools, 1925-28. Instructor in German, Bryn Mawr College, 1928-29.
- FISHER, JOSEPHINE.....*Graduate Student in History.*
Baltimore, Md. A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Teacher of History, Ethel Walker School, Simsbury, Conn., 1922-23. Warden of Pembroke Hall, 1927-29, and Graduate Student in History, Bryn Mawr College, Oct.-Dec., 1927.

* Mrs. J. P. Burton.
‡ Mrs. Prentice Duell.

† Mrs. Samuel Claggett Chew.
§ Mrs. Charles Sparling Evans.

- FRAME, MAUDE M. *Graduate Student in Philosophy.*
Philadelphia. A.B., University of Pennsylvania, 1927. Part-time Reader in Philosophy,
Bryn Mawr College, 1928-29.
- GALLAND, GEORGETTE CELINE. *Graduate Student in English.*
Cherbourg, France. A.B., Western College for Women, Oxford, Ohio, 1925; M.A., Mount
Holyoke College, 1926. Student at The Sorbonne, 1923-24, 1926-28.
- GARVIN, HILDA KATHARINE. *Graduate Student in French.*
Beaconsfield, England. B.A., Honours, University of Oxford, 1926; M.A., University of
Michigan, 1927. Instructor in English, Bryn Mawr College, and Graduate Student,
1927-29.
- GRIERSON, LETITIA JANE HARGRAVE. *Graduate Student in English.*
Edinburgh, Scotland. B.A., University of Edinburgh, 1923, and M.A., 1924. Graduate
Student, University of Cambridge, 1924-26; Assistant Lecturer in English, Edinburgh
University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28; Instruc-
tor in English, Bryn Mawr College, 1928-29.
- HENDRICKSON, MARION VAUX. *Graduate Student in Italian.*
New Haven, Conn. A.B., Smith College, 1924. Instructor in Italian and Graduate
Student, Bryn Mawr College, 1924-26; Teacher in the Lyman School, Ardmore, Pa.,
1928-29.
- HOFRICHTER, RUTH JUSTINE. *Graduate Student in German.*
Hessen, Germany. Ph.D., University of Heidelberg, 1921. Head of Modern Language
Department, Midland College, Nebr., 1922-25; Assistant, German Department, Uni-
versity of Nebraska, 1927; Instructor in German, Bryn Mawr College, and Graduate
Student in German, 1927-29.
- IRISH, FLORENCE CATHERINE. *Graduate Student in History.*
Norristown, Pa. A.B., Bryn Mawr College, 1914, and M.A., 1916. Teacher of History,
Gordon-Roney School, Philadelphia, 1916-17, and of History, Mathematics, and Physics,
1921-26; Information Analyst, Women's Committee, Council of National Defense,
Washington, 1918-19; Assistant to the Treasurer of the Alumnae Association, Bryn
Mawr College, 1928-29.
- LINN, MARY BETTINA. *Graduate Student in Economics and Politics.*
Philadelphia. A.B., Bryn Mawr College, 1926. Student, London School of Economics,
1927-28.
- LITZENBERGER, MAE EDNA. *Graduate Student in German.*
Forestdale, R. I. A.B., Mount Holyoke College, 1924; B.S., Simmons College, School of
Library Science, 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925-29.
Graduate Student in German, Bryn Mawr College, 1927-28.
- MACDONALD, MARY HELEN. *Graduate Student in Mathematics.*
Ardmore, Pa. A.B., Bryn Mawr College, 1921, and M.A., 1924. Graduate Scholar in
Mathematics, Bryn Mawr College, 1923-24, and Graduate Student, 1922-23, 1925-26,
1927-28. Assistant to Secretary and Registrar, Bryn Mawr College, 1921-23. Teacher
of Physics and Mathematics, The Shipley School, Bryn Mawr, 1924—.
- MAIR,* ALICE VIRGINIA. *Graduate Student in Education.*
Bryn Mawr, Pa. A.B., Wellesley College, 1926. Library Assistant, 1926-28.
- MALZ, GERTRUDE E. *Graduate Student in Archaeology.*
Philadelphia. A.B., Swarthmore College, 1923; A.M., University of Wisconsin, 1924, and
Ph.D., 1928. Instructor in Latin, University of Cincinnati, 1925-26; Teacher of Latin,
Phebe Anna Thorne School, 1928-29.
- MASON,† FLORENCE ROBERTS. *Graduate Student in Education.*
Berwyn, Pa. A.B., Northwestern University, 1912; LL.B., Chicago Kent College of
Law, 1916.
- NAGELVOORT, ADRIENNE. *Graduate Student in Mathematics and Physics.*
Royal Oak, Mich. A.B., University of Michigan, 1928.
- PASCOE, HELEN MARJORIE. *Graduate Student in English and Philosophy.*
Indianapolis, Ind. A.B., Butler University, 1927.
- PAXSON, EVALYN MATTSON. *Graduate Student in Education.*
Philadelphia. A.B., Vassar College, 1924. Teacher, Primary Grades, 1924-26; Private
Tutor, 1926-27; Primary Teacher, Phebe Anna Thorne School, 1928-29.

* Mrs. Beveridge J. Mair.

† Mrs. J. Alden Mason.

- PEEK, KATHARINE MARY. *Graduate Student in English*
Moline, Ill. A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, 1923-24; Instructor in English, Bryn Mawr College, 1925-27, and Graduate Student in English, 1926-29; Warden of Merion Hall, 1927-29.
- PERKY,* CHEVES WEST. *Graduate Student in Psychology and Education.*
Haverford, Pa. B.S., Teachers College, New York City, 1901; Ph.D., Cornell University, 1918. Teacher Horace Mann School, 1901-02, Teacher in St. Agnes' School, Albany, N. Y., 1902-04; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25; Teacher of Art, Phebe Anna Thorne School, 1925-29.
- REINHOLD, MARGARET RILEY. *Graduate Student in Education.*
Ardmore, Pa. A.B., Sweet Briar College, 1926. Teacher of Arithmetic, Phebe Anna Thorne School, Bryn Mawr, 1926-29, and Graduate Student, Bryn Mawr College, 1926-27, and Sem. I, 1927-28.
- RELYEA, PAULINE SAFFORD. *Graduate Student in History.*
Rome, N. Y. A.B., Smith College, 1924. Student, Columbia University, summer of 1926; and Chicago University, summer 1927. Teacher of History, Easthampton, N. Y., 1924-26; Rome, N. Y., 1926-27; and Phebe Anna Thorne School, Bryn Mawr, Pa.; Graduate Student, Bryn Mawr College, 1927-28.
- RHOADS, ESTHER LOWREY. *Graduate Student in French.*
Philadelphia. A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager, *Alumnae Bulletin*, Bryn Mawr College, and Graduate Student, 1924-26, 1927-28. Warden of Merion Hall, Feb.-June, 1926; Student in Paris, 1926-27; Warden of Wyndham, 1927-29.
- RHOADS, GRACE EVANS. *Graduate Student in Politics and Social Economy.*
Moorestown, N. J. A.B., Bryn Mawr College, 1922. Student, Columbia University, summer, 1925; at the Institute of Higher International Studies, Geneva, 1928. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-24; and Wilmington's Friends' School, Wilmington, Del., 1926-27. Assistant Warden of Pembroke Hall, 1928-29.
- SALINGER, MARGARETTA MATHILDA. *Graduate Student in History of Art.*
Bloomfield, N. J. A.B., Bryn Mawr College, 1928.
- SCHNIEDERS, MARIE HELENE. *Graduate Student in German.*
New York City. A.B., Barnard College, 1927.
- SHAW, HELEN LOUISE. *Graduate Student.*
Bryn Mawr, Pa. Ph.B., University of Chicago, 1920. Teacher in Elementary Schools, 1913-18; in the Katherine Branson School, San Rafael, Calif., 1920-21; in the University of California Elementary School, 1921-22; in Mrs. Caskin's School, Overbrook, Philadelphia, 1922-23; in the Phebe Anna Thorne School, Bryn Mawr, 1923-25. Graduate Student in History, Bryn Mawr College, 1922-25; and Graduate Scholar in History, 1925-27; Student, University of London, 1927-28.
- SILLIMAN, FRANCES E. *Graduate Student in Biology.*
Hibbing, Minn. B.S., University of Minnesota, 1928.
- SINDALL, BARBARA JOAN. *Graduate Student in Archæology.*
A.B., Bryn Mawr College, 1926. Student, American Academy in Rome, 1926-27. Teacher of Latin, Shipley School, Bryn Mawr, 1927-29.
- SMITH, JULIA IRENE. *Graduate Student in Education and Psychology.*
A.B., Syracuse University, 1922. Second Grade Critic, Brockport Normal School, 1922-28.
- SPACKMAN, BARBARA SPENCER. *Graduate Student in German and French.*
Ardmore, Pa. A.B., Bryn Mawr College, 1927.
- SYKES, EDITH ELLEN. *Graduate Student in French.*
Philadelphia. A.B., Bryn Mawr College, 1903. Graduate Student, University of Pennsylvania, 1922-27. Teacher of English, Philadelphia High School for Girls, 1908-11; Translator, Military Intelligence, Washington, D. C., 1917-19; Teacher of Spanish and French, Brown Preparatory School, 1920-28.
- WARD, JULIA. *Graduate Student in History and Politics.*
Navesink P. O., N. J. A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student and Warden of East House, Bryn Mawr College, 1924-25; Graduate Student and Warden of Rockefeller Hall, 1925-27, 1928-29; Fanny Bullock Workman Fellow and Student at London University, 1927-28.

* Mrs. Cheves W. Perky.

- WEBSTER, CHARLOTTE.....*Graduate Student in Geology.*
 Elyria, O. A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar and Assistant in
 Geology, Oberlin College, 1926-28; Demonstrator in Geology, Bryn Mawr College,
 1928-29.
- WICKINS, AVIS MARIE.....*Graduate Student in English.*
 Cheyenne, Wyo. A.B., University of California, Dec., 1927.
- WOOD, KATHRYN LOUISE.....*Graduate Student in French.*
 Merion, Pa. A.B., Hollins College, 1925; A.M., University of Pennsylvania, 1927.
 Teacher of French, Stonewall Jackson College, Abingdon, Va., 1927-28.
- WOODWORTH, ALLEGRA.....*Graduate Student in History.*
 Bryn Mawr, Pa. A.B., Bryn Mawr College, 1925. Teacher of History and Algebra, The
 Ethel Walker School, Simsbury, Conn., 1925-27; Teacher of History, The Shipley School,
 Bryn Mawr, 1927-29. Graduate Student, Bryn Mawr College, 1927-28.
- WOODWORTH, MARY KATHARINE.....*Graduate Student in English.*
 Bryn Mawr, Pa. A.B., Bryn Mawr College, 1924; M.A., 1927. Teacher in the Phebe
 Anna Thorne School, and Graduate Student, Bryn Mawr College, 1925-29.
- WRIGHT, AUDREY,
Graduate Student in Social Economy and Social Research and in Education.
 Washington, D. C. A.B., Oberlin College, 1927. Graduate Student, Bryn Mawr College,
 1927-28.
- WULFF, DORIS.....*Graduate Student in Music.*
 Bryn Mawr, Pa. A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute,
 Geneva, Switzerland; Teacher of Eurhythmics, Thorne School, Bryn Mawr, 1928-29.
- WYCKOFF, LILLIAN.....*Graduate Student in Chemistry.*
 Philadelphia. A.B., Bryn Mawr College, 1922. Graduate Student, Bryn Mawr College,
 1923-25 and 1926-28; Yale University, 1925-26. Teacher in preparatory schools, 1922-
 24; Teacher of Science, Baldwin School, Bryn Mawr, 1926-28.

SUMMARY OF GRADUATE STUDENTS

Resident Fellows	20
Scholars.....	30
Graduate Students.....	59
Total.....	109

BRYN MAWR COLLEGE

CALENDAR

Carola Woerishoffer Graduate
Department of Social Economy and
Social Research

1929

BRYN MAWR, PENNSYLVANIA
Published by Bryn Mawr College
Volume XXII, Part 1. December, 1928

*Entered as second-class matter, March 23rd, 1908, at the post-office, Bryn Mawr,
Pennsylvania, under Act of July 16th, 1894.*

Printed by The John C. Winston Co.,
Philadelphia, Pa.

COLLEGE CALENDAR

1929-30

FIRST SEMESTER

Registration of incoming undergraduate students.....	September 26
Registration of graduate and advanced undergraduate students. Halls of Residence open to all students at 9 A. M.....	September 30
Examinations for advanced standing begin.....	September 30
Deferred and condition examinations begin.....	September 30
The work of the forty-fifth academic year begins at 8.45 A. M.....	October 1
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 5
Deferred and condition examinations end.....	October 5
Examinations for advanced standing end.....	October 5
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 20
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 23
Thanksgiving vacation begins at 12.45 P. M.....	November 27
Thanksgiving vacation ends at 9 A. M.....	December 2
Ph.D. Language examinations.....	December 7
Christmas vacation begins at 12.45 P. M.....	December 20
Christmas vacation ends at 9 A. M.....	January 6
Last day of lectures.....	January 17
Half-yearly collegiate examinations begin.....	January 20
Ph.D. Language examinations.....	January 20
Collegiate examinations end.....	January 31
Annual meeting of the Alumnae Association.....	February 1
Vacation.....	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 4
Announcement of European Fellowships.....	March 21
Spring vacation begins at 12.45 P. M.....	March 28
Spring vacation ends at 9 A. M.....	April 7
Deferred and condition examinations begin.....	April 8
Deferred and condition examinations end.....	April 10
Ph.D. Language examinations.....	April 12
Last day of lectures.....	May 16
Collegiate examinations begin.....	May 19
Collegiate examinations end.....	May 29
Baccalaureate Sermon.....	June 1
Conferring of degrees and close of forty-fifth academic year.....	June 4

OFFICERS OF ADMINISTRATION.

ACADEMIC YEAR, 1929-30.

President,

MARION EDWARDS PARK, PH.D., LL.D.

Office: Taylor Hall.

President Emeritus,

M. CAREY THOMAS, PH.D., LL.D.

Dean of the College,

HELEN TAFT MANNING, PH.D.

Office: Taylor Hall.

President's Representative for Graduate Students,

EUNICE MORGAN SCHENCK, PH.D.

Office: Taylor Hall.

Secretary and Registrar of the College,

EDITH BARBARA GAVILLER, A.B., B.Sc.

Office: Taylor Hall.

ACADEMIC APPOINTMENTS

1929-30

*Carola Woerishoffer Graduate Department of Social Economy
and Social Research.*

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social
Economy and Director of the Carola Woerishoffer Graduate Department
of Social Economy and Social Research.*

A.B., College of the Pacific, 1890; A.M., Leland Stanford Jr. University, 1899; Ph.D.,
Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder
of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-
04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massa-
chusetts Commission on Industrial and Technical Education, 1905-06; Instructor in
History and Economics and Head of Departments, Simmons College, 1906-07; Assistant
Professor, Associate Professor, and Professor in Economics, Simmons College, and
Director of the Department of Research, Women's Educational and Industrial Union,
Boston, 1907-15.

HORNELL HART, PH.D., *Associate Professor of Social Economy.*

A.B. Oberlin College, 1910; M.A. University of Wisconsin, 1915; Ph.D. University of
Iowa, 1921. Civic Secretary of the City Club of Milwaukee, 1913-17; Research Fellow
of the Helen S. Trounstine Foundation of Cincinnati, 1918-19; Sociologist, Iowa Child
Welfare Research Station, 1919-24; Research Associate Professor of Sociology, Univer-
sity of Iowa, 1921-24; Executive Secretary of the Iowa Child Welfare Commission, 1924.

ELEANOR LANSING DULLES, PH.D., *Associate in Social Economy and Social Research.*

A.B., Bryn Mawr College, 1917, and M.A., 1920; Ph.D., Radcliffe College, 1926. Relief Worker in Paris, 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gemby, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22, and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1925-27; Instructor in Economics, Simmons College, 1927-28.

ALMENA DAWLEY, M.A., *Non-resident Lecturer on Social Economy and Social Research.*

A.B., Oberlin College, 1912; M.A., University of Chicago, 1915; Statistical Work, Metropolitan Life Insurance Company, New York City, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, United States Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Co-operative Alliance, Minneapolis, Minn., 1919-20; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—.

*Departments Offering Seminaries Specially Recommended to
Students of Social Economy*

JAMES H. LEUBA, PH.D., *Professor of Psychology.*

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Ph.D., Ursinus College, 1888; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

DAVID HILT TENNENT, PH.D., *Professor of Biology.*

S.B., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904.

THEODORE DE LEO DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B., University of California, 1896, and A.M., 1899; Ph.D., Cornell University, 1901. Teacher in the Government Schools of the Philippine Islands, 1901-04; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.

MARION PARRIS SMITH, PH.D., *Professor of Economics.*

A.B., Bryn Mawr College, 1901, and Ph.D., 1908. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B., Loyola College, 1898; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.

ROGER HEWES WELLS, PH.D., *Associate Professor of Economics and Politics.*

A.B., Northwestern University, 1916; M.A., Harvard University, 1922, and Ph.D., 1923. Assistant in Government, Harvard University, 1921-22; Austin Teaching Fellow in Government, Harvard University, 1922-23.

AGNES LOW ROGERS, PH.D., *Professor of Education and Psychology.*

M.A., St. Andrews University, Scotland, 1903; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25.

ISLE FOREST, PH.D., *Associate Professor of Education.*

B.S., Teachers College, Columbia University, 1922, and M.A., 1923; Ph.D., Columbia University, 1927. Teacher and critic in kindergarten and elementary grades, 1915-23; Demonstration teacher, State Normal School, New Paltz, N. Y., 1923-24; Laura Spelman Rockefeller Fellow, Teachers College, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27.

HARRY HELSON, PH.D., *Associate Professor of Experimental Psychology.*

A.B., Bowdoin College, 1921; M.A., Harvard University, 1922, and Ph.D., 1924; Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer on English Diction.*

London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902.

Special Lecturers on Social Economy

EVA WHITING WHITE, B.S., *Non-resident Lecturer on Community Organization.*

B.S., Simmons College, 1907. Head Resident, Elizabeth Peabody House, Boston, Mass., 1909—; Massachusetts Board of Education, in charge of Vocational Education for Women and Girls, 1910-14; Staff Lecturer, Boston School for Social Work, 1912-14; Massachusetts Homestead Commission, 1916—; Massachusetts Immigration Commission, 1916; Survey of Public Schools, Gary, Ind., 1916; Vice-Chairman, Federal Commission on Living Conditions, 1917-19; Director of Training, Intercollegiate Community Service Association, 1919—; Professor of Social Economy and Director of the School for Social Work, Simmons College.

ALICE HAMILTON, M.D., *Non-resident Lecturer on Industrial Poisons.*

M.D., University of Michigan, 1893. Universities of Leipzig and Munich, 1895-96; Johns Hopkins University, 1896-97; University of Chicago, 1898-1900; Pasteur Institute, Paris, 1903. Professor of Pathology, Woman's Medical College of Northwestern University, 1899-1902; Bacteriologist, Memorial Institute for Infectious Diseases, 1902-10; Investigator of Industrial Poisons for U. S. Department of Labor, 1910—; Assistant Professor of Industrial Medicine, Harvard Medical School, 1920—.

Research Assistants in Social Economy.

BERTHA BLAIR, A.B., *Research Assistant, Carola Woerishoffer Graduate Department.*

A.B., Macalester College, 1919; Teacher, Public Schools, Duluth, Minn., 1919-20; Girl Reserve Secretary, Y. W. C. A., Kalamazoo, Mich., 1920-23; Stenographer, Duluth, Minn., 1924; Industrial Secretary, Y. W. C. A., Duluth, Minn., 1925-27; Carola Woerishoffer Scholar, Bryn Mawr College, 1927-28.

ANNA HOLBROOK CLARK, A.B., *Research Assistant on Special Problem.*

A.B., Smith College, 1926; Secretary, editorial department of "The Survey," 1926-28.

BRYN MAWR COLLEGE

THE CAROLA WOERISHOFFER GRADUATE DEPARTMENT OF SOCIAL ECONOMY AND SOCIAL RESEARCH

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The programmes offered in the Department fall into four groups: I. Programme in social case work in the family, in child welfare, and in social guardianship; II. Programme in community organization; III. Programme in industrial relations; IV. Programme in social and industrial research. The principles upon which the programmes are based are those which have been tested in the older professional schools:

(1) The work is distinctly and entirely postgraduate.

(2) Knowledge of the fundamental principles underlying the social and industrial structure is regarded as prerequisite to the graduate courses; namely, preparation in elementary economic theory, elementary psychology, and elementary sociology.

(3) The instruction includes on the one hand seminars embodying the theories of social relations and of industrial relations; and on the other hand seminars giving the technique of social case work, of community organization and leadership, of labor adjustments, of social and industrial research, and of administration of social agencies, accompanied in each case by field practice, called a practicum.

(4) All observation, field practice, and non-resident experience is carefully and closely supervised by an instructor well grounded in theory and familiar with and experienced in technique.

The programmes on pages 24-29 are presented in order to afford the student a panoramic view of the work which is open to her (see the successive programmes), the agencies which carry on work in each field (see the last column of each programme), and the types of positions open in the various agencies (see next to the last column of each programme).

It will be noted that the same types of positions and problems are found in several fields of work. In the first column of each programme are placed, therefore, those subjects which provide the foundation for all types of positions. These subjects are selected from the group courses given in economics, politics, psychology, education, philosophy, biology, and history in Bryn Mawr College. In the second and third columns are given only those subjects which *bear directly* on the special field of work under consideration. The elementary and advanced undergraduate courses are cultural and not professional, but are recommended as courses of the greatest value for the student who wishes to direct *some part* of her college studies toward this specialized field. The courses given under "graduate courses" are *essential to adequate preparation* for the field of work indicated. The courses scheduled in the charts are not in every case described in this pamphlet but may be found in the Bryn Mawr College Graduate Calendar, from which the description of courses given below (pages 31 to 40) is reprinted.

The wide range of choice in fields of work and in agencies, necessitates careful thought on the part of the student as to her natural fitness for any particular work, and the amount of time she can give to training herself for it. The student may write for advice and suggestion, or may wait until after arrival at Bryn Mawr for conference with the Director and Instructors before selecting the field in which she may work. The descriptions of the various programmes, together with the charts which follow, are presented in an endeavor to assist the student to wise specialization although the fields will necessarily supplement one another and overlap as, for example, industrial relations and community work or industrial research, and *seminaries may be so chosen as to combine work in two fields*. The purpose of the outline is to suggest the content of an adequate

preparation for the types of work considered and the range of opportunities in each field as they now exist.

I. Social Case Work.

Social case work is a rapidly developing professional field dealing with individuals or families who need assistance in meeting the every-day problems of human existence. This need may show itself in a variety of ways; through inability to earn a living, through chronic illness, through the necessity of placing out one's children, through the behavior or personality difficulties in a family group and through many other situations which keep human beings from attaining a happy and independent way of life. As social case work becomes more professional it is evident that the differences between the various kinds of agencies are largely administrative, and that there is a common basic foundation in the understanding of human nature which is essential to all case work. The case worker's real task is to understand the family fabric with which she is dealing and to get at the network of tangled and intricate human relationships, out of which a variety of end results present themselves. She is concerned with assisting those individuals to become as mature and self-sustaining as it is possible for them to be.

Case work is carried on in a variety of agencies, such as family organizations, children's organizations, mental hygiene clinics, the social service departments of schools and of hospitals, the probation and parole departments of courts and of reformatory institutions and a number of other types of public and private agencies. It is necessary, therefore, for every case worker to have a body of knowledge covering the specialized functions of various agencies, the inter-relationships between agencies, certain laws and their operation, and other community resources to be utilized in treatment. It is the aim of social case work, as presented in the Carola Woerishoffer Graduate Department, to emphasize the common basis of understanding, analysis and treatment in all these fields and to recognize the close relationship between the technique of social case work and the theory and practice in other fields of social work.

Skill in the art of case work requires certain personal qualities on the part of the case worker. She must try to understand herself and the basis of her reactions to certain situations. She must be aware of her prejudices and her own emotional needs so that she can fit them into the whole scheme of treatment. She must recognize that in the profession of social case work there are two constantly reacting elements, herself and the individuals who have come to her for help. If students are considering training for case work, they might find it helpful to discuss the requirements for success in the case work field with the instructors of the Carola Woerishoffer Department, with college and other vocational bureaus, or with the American Association of Social Workers.

In addition to the seminary in Case Work, to which it is presupposed the student will devote one-third of her time, she will take a seminary in Social Relationships, or a seminary in Social Origins, and a third seminary in a related subject such as Social or Applied Psychology, Child Psychology, or Education. For students desiring technical courses in Criminal Law arrangements are made with the University of Pennsylvania Law School. (See Programmes I, II, III, pages 24 to 26.)

II. Community Organization.

Community Organization activities, ordinarily designated as Community Organization, fall into four principal groups: (1) the organization and federation of clubs for adults and children; (2) the mobilization of community interest and support for particular activities or programmes such as those carried on by the Young Women's Christian Association, American Red Cross, and other groups; (3) the development of councils of social agencies and financial federations; (4) the creation of self-consciousness and channels of expression and activity in all communities, especially in those which are undeveloped.

Under the latter heading fall such activities as those of Community Centers, neighborhood associations, and the social settlements. This form of community organization presupposes that the citizens of the community really want to band themselves together for some form of cooperative undertaking.

It involves the creation of some kind of machinery, and seems to point to the need for: (1) executives; (2) adults' workers; (3) girls' workers; (4) boys' workers; and (5) children's workers.

All of these workers and activities cannot be secured in the early development of any community association. It is, therefore, necessary for community workers to be prepared to direct several community activities and to be expert in at least one special activity. A large amount of volunteer service should be utilized and the director must be able to supervise the work of volunteers. The student preparing for these positions should have a thorough course in the theory of community organization, a knowledge of the technical requirements of all phases of work and special technical training in one or more community activities.

The courses recommended for the first year include (1) Seminary in Community Organization; (2) Seminary in the Principles of Education; (3) Seminary in Social Psychology, being given in the second semester; (4) Seminary in Social Origins or in Social Relationships or other seminaries noted in Programme IV, page 27.

During the second year the student is recommended to elect from the following seminaries: Seminary in Social and Industrial Research; Seminary in Municipal Government; Seminary in Labour Organization.

III. Industrial Relations.

The Grace H. Dodge fellowships and scholarships were first awarded in 1918 in order to prepare women to aid in the adjustment of human relations in industry. They were the direct outcome of the work undertaken by the War Work Council of the National Board of the Young Women's Christian Association and by the Carola Woerishoffer Graduate Department, by which training in industrial relations was inaugurated. The endowment of a chair of instruction in the Carola Woerishoffer Graduate Department by Mr. John D. Rockefeller, Jr., and the efforts of a committee to secure endowment for fellowships and scholarships, have provided for the continuation of these opportunities.

The programme in Industrial Relations (see Programme V, page 28) is planned to prepare the student for positions which deal with problems relating to the human element in industry. Recognizing that the development of the individual and of industry are inextricably bound together the courses afford a study of education and advancement of workers on the one hand and of industrial organization on the other.

As the department which directs the human relations of an industrial enterprise is the vantage point from which we may view the economy of labour and the distribution of well-being, the student spends her first semester of practical work in a well-organized employment department of an industrial or commercial establishment in or near Philadelphia, and gives especial attention to questions of industrial organization. For the second semester she may be placed in direct contact with workers in industry or in the trade union movement, or may be associated with centralized employment agencies, or may devote herself to factory inspection or to work with industrial groups in the community.

Preparation for all these lines of work follows practically the same programme. The work of the first year includes the seminary in Labour Organization, the seminary in Industrial Relations, a course in Statistics and a third seminary to be elected by the student with the consent of the Director of the Department. In the second year the student may elect the advanced seminaries but will devote a considerable part of her time to special labour investigations.

IV. Social and Industrial Research.

Every phase of social work demands investigators prepared to gather data, analyze them, make interpretations and present the findings with constructive conclusions and recommendations. Every social organization also is feeling increasingly the necessity of having on its staff experts capable of planning and maintaining systems of records and especially fitted to analyze and interpret the material acquired by the organization, not only in order to outline reports of its accomplishment, but also in order to formulate social programmes which may

result in social betterment through social legislation and social education.

Federal and state departments and commissions, as well as private foundations have properly assumed the responsibility of studying the social and industrial conditions of the country, and from these boards and organizations comes the constant demand for expert statisticians, investigators, and research directors and assistants. And these workers must possess wide knowledge of social conditions, social organizations and processes for organized social betterment.

Industries are also demanding experts who may be able to determine through surveys the special needs of industrial groups or of definite plants in relation to labour supply and labour efficiency. Labour Unions are carrying on research work, calling on experts to investigate problems of production and to prepare legislation and even briefs for legal cases. Communities are seeking workers trained to make surveys through which the resources and special needs of the community may be discovered, deleterious conditions removed, and the forces of the community organized for the attainment of higher community standards.

Students wishing to devote themselves primarily to social and industrial research will find it necessary to pursue a two or three year course. Not only must they master the technique of schedule making, tabulation, interpretation, and exhibitions, but this technical training must be based on a broad knowledge of social, industrial, and economic questions. The following arrangement of studies is recommended to students: in the first year of the course special preparation in Statistics, the seminary in Labour Organization, a seminary in Social Theory, and a third seminary in Psychology, Education, Economics or Philosophy; in the second year, the seminary in Social and Industrial Research, and two seminaries in advanced social theory, chosen from those suggested in Programme VI, Page 29. In the third year may be completed a piece of research undertaken in the seminary in Social and Industrial Research during the second year, which may become the material for the Doctor's thesis. Other electives will depend upon the choice by the student of the associated and inde-

pendent minors leading to the Doctor's degree. Students entering Bryn Mawr after one year of graduate work at another institution, may enter the second year of the programme in Social and Industrial Research.

In these four groups the instruction is aimed primarily to prepare students, who have had but little experience, for positions in the respective fields. But opportunity is especially offered for more mature students who have had considerable experience in social work and who wish further preparation for executive and administrative positions. In addition to advanced work in the appropriate branch of social work the student may pursue the course in Administration of Social Agencies, and may elect seminars related to her special interest.

General Statement.

Pre-requisites

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing, and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology,* and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology, or philosophy (that is altogether 5 hours work per week for two years in one of these subjects).

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field or laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work, or Community Organization, or Industrial Relations, in which she will give 7 hours a week during the term time and full time in vacation practica to practice or field work with a social agency or in a business firm chosen in relation to her selected field; she will take the semi-

* Students not having had these courses may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

nary in theory most closely related to her special interests; unless already qualified she will take the course in statistics, and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation, field work and conference. Full graduate work involves about 44 hours of work per week.

Practice work required in each field consists of two types: (1) field work consisting of 7 hours each week; (2) non-resident experience with social institutions, agencies, or business firms obtained during four weeks in December and January and eight weeks during the summer following the eight months of work in Bryn Mawr College. The department is able to arrange that the students may reside in a settlement in Philadelphia at an expense for room and board not to exceed seven dollars per week during the mid-winter practicum after the college closes. During the eight weeks of the summer practicum students are able to earn sufficient to meet this expense.

*Practice
or
Field Work.*

For those students who are taking a seminary including laboratory or field work, the programme will be, in 1929-30, as follows: (1) work at Bryn Mawr College, September 30th to December 9th, during which period at least one day a week is given to field work; (2) a mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research from December 9th to January 3rd in New York, Boston, Philadelphia or elsewhere; (3) January 4th to January 31st, during which period the student gives her entire time to classes and study at Bryn Mawr College; (4) February 4th to June 4th, during which time the student gives one day a week to field practice work, with the exception of the Spring vacation; (5) the summer practicum from June 9th to August 2nd, during which time the student gives all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the College, and during the mid-winter and summer practica is under the careful supervision of an instructor of the Department. After one year of work in this department one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organ-

ization, in a federal or state department of labour and industry, in a federal or state employment office, or in a manufacturing or mercantile establishment in Philadelphia, New York, New England, or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department, or business firm.

*Certificates
and
Degrees.*

Students entering the Department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work, or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which requires practice or laboratory work, or field work in social and industrial research, including the vacation practica.

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degrees of Master of Arts or of Doctor of Philosophy; admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

Candidates for the degree of Doctor of Philosophy in Social Economy and Social Research may select the associated or independent minor from the graduate seminaries and courses outlined in this announcement or from other graduate seminaries or courses, subject to the approval of the Graduate Committee. According to the regulations of the Academic Council of Bryn Mawr College, candidates for this degree in other departments may elect seminaries in Social Economy for the associated or the independent minor, with the approval of the Director of the Department.

Any applicant expecting to become a candidate for the degree of Master of Arts should write in advance to the office

of the Secretary and Registrar for a Calendar of Graduate Courses and note the requirements for the degree.*

The appointment Bureau of Bryn Mawr College is under the direct supervision of the Dean of the College and the Carola Woerishoffer Department coöperates with it in recommending for positions women trained in this department.

Fellowships and Scholarships.

The most distinguished place among graduate students is held by the fellows and graduate scholars, who must reside in the college during the academic year. Fellowships and scholarships available in the Department of Social Economy are as follows:

The Mary Elizabeth Garrett European Fellowship of the value of \$1,000 was founded by Miss Mary Elizabeth Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student in any department who has completed at least three semesters of graduate studies at Bryn Mawr College. The fellowship is to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The fellowship is awarded to assist candidates for the degree of Doctor of Philosophy of Bryn Mawr College to complete their preparation. It is therefore understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

*Resident
Graduate
Fellowships
and
Scholarships.*

The Helene and Cecil Rubel Foundation Fellowship of the value of \$1,500 was founded in 1920 by Miss Helen Rubel, of New York City, to be awarded in each year by the Faculty of Bryn Mawr College with the approval of the donor. The fellowship may be awarded to any woman who has at any time studied in the graduate school of Bryn Mawr College long enough to have shown her ability irrespective of whether her work was planned to lead to a degree or not. The fellowship

* For requirements for the Master's degree and for the degree of Doctor of Philosophy see Bryn Mawr College Calendar, Graduate Courses, 1928-29.

may be held at any centre of education that may be selected by the student and approved by the Faculty as best suited to her individual needs, or may, in special cases, be used as a travelling fellowship to give opportunity for the study of conditions in which the student may be interested in different parts of the world. The fellowship shall not necessarily be offered as an aid to study for a higher degree, but may be used by the holder, with the approval of the Faculty, in whatever way may best advance the purpose she has in mind. The fellowship shall be awarded to the best student, but if she can afford to carry out her plans with her own income she shall return the amount of the fellowship to the College to be used by another student in the same year.

Two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research of the value of \$810 are awarded annually for study at Bryn Mawr College on the ground of excellence in scholarship to candidates who have completed at least one year of graduate work at some college of good standing after obtaining their first degree.

Two Grace H. Dodge Memorial Fellowships in Social Economy for work in Industrial Relations of the value of \$810 may be awarded annually on the ground of excellence in scholarship to candidates who have completed at least one year of graduate work at some college of good standing after obtaining their first degree.

An Intercollegiate Community Service Association Joint Fellowship was established in 1915 and is offered annually by the Intercollegiate Community Service Association and by the Bryn Mawr College Alumnae Association to a Bryn Mawr College graduate or to a candidate who has successfully pursued one year's work in the Carola Woerishoffer Graduate Department who wishes to prepare herself for settlement or other types of social work. The value of the fellowship is \$800, \$200 of which is given by the College to meet the tuition fee. The holder of the fellowship may live in the College Settlement in Philadelphia, in which case the student must give her entire time to the work of the Department of Social Economy, the practicum,

carried on in the Settlement under the direction of the Head Worker and of the Director of the Department, occupying one-third of her time. The charge for board and lodging in the Settlement will not exceed \$7 a week.

Two Carola Woerishoffer Memorial Scholarships in Social Economy, of the value of \$350 each, are awarded annually to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing.

Several Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations, of the value of \$350 each, may be awarded annually and are open for competition to graduates of Bryn Mawr College or of any other college of good standing.

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$350 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

Five graduate scholarships for foreign women of the value of \$1,000 each are offered annually for women outside the United States and Canada desiring to study in any department of Bryn Mawr College. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing. Renewal of these scholarships for a second year will not be granted except in exceptional cases. The holders are required to be in continuous residence at the college and to follow regular approved courses of study. The scholars are not permitted to accept any paid

position except as arranged by the College. A furnished single room in the graduate wing of one of the halls of residence is assigned to each scholar, but this is not available in the Christmas and Easter vacations when scholars who remain at the college have to pay the expenses of board and residence.*

The fellowships and scholarships are intended as an honour, and are awarded in recognition of previous attainments; generally speaking, they will be awarded to the candidates that have studied longest or to those whose work gives most promise of future success. Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the directors, receive the rank of Fellows by Courtesy.

*Duties of
Resident
Fellows.*

Fellows are expected to attend all college functions, including commencement exercises, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the halls of residence and in the seminaries; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to give loyal support to the Students' Association for Self-Government. They are required to reside in the college and are assigned rooms by the Secretary of the College. They are charged the usual fee of seven hundred and forty-three dollars and fifty cents for tuition, board, room-rent, laboratory, certificate, athletic and infirmary fees.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded, and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

*Duties of
Resident
Scholars.*

Scholars are expected to reside in the college, to attend all college functions, including commencement exercises, to wear academic dress and to assist in the conduct of examinations. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

*Applications
for Resident
Fellowships
and
Scholarships*

Application for resident fellowships and scholarships should be made to the President, Bryn Mawr College, Bryn Mawr, Penn-

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates, and by letters of recommendation from professors, and should be addressed to the office of the President, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A., if possible by April the first, or in the case of French students they may be addressed to M. Petit Dutailis, Office Nationale des Universités et Ecoles Françaises, 96 Boulevard Raspail, Paris, and in the case of German students to Dr. Karl Friedrich, American German Student Exchange, Institute of International Education, 2 West 45th Street, New York City.

sylvania, as early as possible, and not later than the first of February preceding the academic year for which the fellowship or scholarship is desired. Application blanks will be sent on request. A definite answer will be given within three weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application will be returned when stamps for that purpose are enclosed, or specific directions for return by express are given. Letters or testimonials will be filed for reference.

Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.* Beginning in June 1930, it will be awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future.

The award will be made by the President of the College, acting as chairman, and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written, and two from allied or associated departments.

* From 1910 to 1928 the Memorial of Susan B. Anthony has been a graduate scholarship in social economy or politics awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. The form of the memorial has been changed to a prize with the consent of the surviving donor, Miss Lucy E. Anthony.

EXPENSES

*Expenses of Graduate Students**Tuition for
Graduate
Students.*

Tuition for the semester, payable on registration:	
For one hour* a week of lectures.....	\$18.00
For two hours a week of lectures.....	36.00
For three hours a week of lectures.....	48.00
For four or five hours a week of lectures.....	65.00
For six or more hours a week of lectures.....	100.00
Room-rent for the academic year, payable on registration.....	100.00
Board for the semester, payable on registration.....	200.00
<i>Summary of total expenses for the academic year:</i>	
Tuition fee, for six or more hours a week of lectures.....	200.00
Room-rent.....	100.00
Board.....	400.00
Infirmary fee†.....	10.00
Certificate fee.....	10.00
Laboratory fees for the academic year.....	20.00
Athletic fee.....	3.50
Total for tuition, residence, laboratory, certificate, athletics, and infirmary care for the academic year.....	\$743.50

The tuition fee for the semester becomes due as soon as the student is registered in the College office. No reduction of this fee will be made on account of absence, dismissal during the currency of the semester, term, or year covered by the fee in question or for any other reason whatsoever. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the College must register immediately at the Comptroller's office, and must register her courses at the President's office within two weeks after entrance under penalty of exclusion from the College. Any change made later in the courses registered must be reported immediately to the President's office, or the courses will not be permitted to count, and a charge of one dollar will be made for each change made in the course after it has been definitely registered.

*Laboratory
Fees.*

All graduate students, including Fellows and Scholars, taking two courses or a course which requires field or laboratory work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester, and may also be required to provide themselves with two 50-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each, and to meet their traveling and incidental expenses while working in the field during the semesters and vacations. An allowance not exceeding fifty dollars will be made to each Fellow and Scholar towards the field expenses during the semesters. The fee for the certificate is \$10, and all Fellows and Scholars are expected to complete work for a certificate and are charged the \$10 certificate fee.

The fee for laboratory courses in Applied Psychology, Education, and Educational Psychology for graduate students is \$6 a semester.

* The fees charged are reckoned on the basis of the actual hours of conference or lecture irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

† This fee entitles the student to two days (not necessarily consecutive) resident care in the Infirmary provided her illness is not infectious and to consultations with the College Physician during her office hours.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

Residence in the college buildings is optional except for holders of resident fellowships and scholarships. Those who do not reside in the College buildings are expected to make arrangements which are satisfactory to the College. A list of suitable places in the neighborhood where board may be obtained is available upon application to the College. No student may live in the Halls of Residence who does not register for a course or research work amounting to at least a two-hour lecture or seminary course, but those who wish to take five hours a week of lectures or less may live in the College halls on the understanding that they must give up their rooms if needed for students who are taking the full amount of graduate work and paying the regular tuition fee. Former students returning to write a dissertation or to do research work are required to register and to pay the minimum fee of eighteen dollars a semester if they wish to make use of the library and seminary rooms. In each hall of residence, except Merion Hall, a special wing or corridor is reserved for graduate students. Every student has a separate bedroom. Room-rent includes all expenses of furnishing, service, heating and light.

*Residence for
Graduate
Students.*

The demand for graduate rooms is very great, and since reserving a room unnecessarily may prevent some other student from entering the College, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the College in the year for which the room is reserved, the amount of the deposit is deducted from the first College bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the College.

The College reserves the right to exclude at any time and to cancel the fellowships or scholarships held by students whose conduct or academic standing renders them undesirable members of the College community, and in such cases the fees due or which may have been paid in advance to the College will not be refunded or remitted in whole or in part.

PROGRAMME I
SOCIAL CASE WORK IN FAMILY AND CHILD WELFARE AGENCIES

COLLEGE COURSES RECOMMENDED, AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD

Elementary Subjects: Required courses and major group at Bryn Mawr College	COLLEGE COURSES RECOMMENDED, AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD		Type of Positions open under listed agencies	Organized Agencies conducting work in this field
	Advanced Undergraduate Courses	Graduate Courses		
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elementary Statistics. Applied Sociology. Social Anthropology. Labour Problems.	Seminary in Social Case Work, including field work. Seminaries: (1) Social Origins, (2) Social Relationships. Seminary in Social and Industrial Research. Seminary in Administration of Social Agencies.	Case Workers. Supervisors. Executives.	Family Case Work: Family Welfare Societies. Red Cross. International Institutes of Inquiry, W.C.A. Public Family Work; Public Outdoor Relief. Mother's Aid. State, County and Municipal Departments of Welfare.
Politics.	Present Political Problems.	Seminary: Temperament and Character and their Instinctive and Emotional Foundation. Seminary: (1) Mental Measurements, (2) Clinical Psychology, (3) Child Psychology.	Case Workers. Supervisors. Executives.	Case Work with Children: Child Placing Agencies. Child Welfare Agencies. Child Guidance Clinics. Orphanages and Institutions for Dependents.
Psychology.	Psychology: Social or Experimental. Child Psychology. Mental Tests and Measurements.	Social Hygiene.	Visiting Teachers.	Public Schools (Visiting Teacher Departments).
Biology.	Heredity and Eugenics (Theoretical Biology).	Seminary: Social and Political Philosophy.	Placement Workers.	Vocational Service for Juniors.
Philosophy.	Elementary Ethics. History of Morality.		Special Agents	Federal Children's Bureau.
History.				
English Composition. English Dictation.				

PROGRAMME II
SOCIAL CASE WORK IN COURTS AND REFORMATORY INSTITUTIONS

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Applied Sociology. Social Anthropology. Labour Problems.	Seminary: Social Case Work, including field work Seminaries: (1) Social Origins, (2) Social Relationships. Seminary in Administration of Social Agencies	Probation and Parole Work. Juvenile Courts. Girls' Courts. Boys' Courts. Misdemeanors Courts. Domestic Relations Courts. Juvenile Protective Associations.
Politics.	Elements of Private Law.	Criminal Law. Criminal Procedure. Seminary: Municipal Government and Problems. Seminary: (1) Mental Measurements, (2) Clinical Psychology.	Parole Officers. Supervisors. Executives.
Psychology.	Social Psychology. Experimental Psychology. Mental Tests and Measurements. Heredity and Eugenics. (Theoretical Biology.)	Seminary: Abnormal Psychology (Psychological Seminary.) Social Hygiene. Seminary: Genetics.	Reformatories for Minors and Adults.
Biology.			
Philosophy.	Elementary Ethics. History of Morality.		
History.			
English Composition. English Diction.			

**PROGRAMME III
MEDICAL AND PSYCHIATRIC SOCIAL SERVICE**

(Specific preparation in this field is not offered at Bryn Mawr College.) Courses in *italics* to be taken elsewhere.

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Applied Sociology. Social Anthropology. Labour Problems.	Seminary: Social Case Work, including field work. Seminar: (1) Social Origins. (2) Social Relationships.	Organized Agencies conducting work in this field
Politics.	Social Psychology. Experimental Psychology.		Medical Social Work: Hospitals. Clinics. Public Health Departments. Public Health Nursing Departments.
Psychology.	Mental Tests and Measurements.		Psychiatric Case Work: Hospitals for the Insane. Mental Hygiene Clinics. Child Guidance Clinics.
Biology.	Chemistry. Biology. Physiology. <i>Hygiene, Personal and Public.</i> Heredity and Eugenics. (Theoretical Biology.) <i>Bacteriology.</i> <i>Anatomy.</i> Biochemistry.	Seminary: (1) Temperament and Character and their Instinctive and Emotional Foundations. (2) Mental Measurements. (3) Clinical Psychology. (4) Experimental Psychology. Social Hygiene. <i>Education in Public Health.</i> <i>Industrial Hygiene.</i> <i>Dietetics.</i> <i>Sanitation.</i>	Case Workers. Supervisors. Executives.
Philosophy.			Case Workers. Supervisors. Executives.
History. English Composition English Dictation.			

PROGRAMME IV COMMUNITY WORK

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Social and Economic Legislation in Great Britain and the United States since 1900. Elements of Statistics. Applied Sociology. Social Anthropology. Labour Problems.	Seminary: Community Organization, including field work. Seminary in Social Research. Seminaries: (1) Social Origins, (2) Social Relationships. Seminary: Labour Organization. <i>Community Art.</i>	Organized Agencies conducting work in this field
Politics.	Municipal Institutions. Present Political Problems.	Seminary: Municipal Institutions. Seminaries: (1) Principles of Social Psychology and their Application to Commerce, Industry, and Government, (2) Social Psychology.	Public Schools. Civic and Social Centres. Community Centres. Community Service Associations. Neighbourhood Houses (Settlements). Recreation Centres.
Psychology.	Social Psychology. Child Psychology.		Playgrounds. Parent-Teachers' Associations. Labour Colleges. Girls' and Boys' Clubs. Work with Immigrants. National Playgrounds Association.
Philosophy.	Elementary Ethics. History of Morality.	Seminary: Principles of Education. Seminary: Social and Political Philosophy. Physical Recreation.	Young Women's Christian Association. National League of Girls' Clubs. Extension Lectures. Press Service Positions. Social Exhibits: Child Welfare. Baby Saving. Housing.
Biology.			
History.	Literature. Technique of the Drama.		
English Composition. English Dictation.			

PROGRAMME V INDUSTRIAL RELATIONS

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD

Elementary Subjects: Required courses and major group at Bryn Mawr College	Graduate Courses		Type of Positions open under listed agencies	Organized Agencies conducting work in this field
	Advanced Undergraduate Courses			
Economics.	History of Economic Thought.	Seminary: Industrial Relations, involving field work.	Placement Secretaries.	Industrial Commissions and State Boards of Labour and Industry. Minimum Wage Commissions. Industrial Establishments. Health Insurance Company. Women's Trade Union League. Federal and State Employment Service. Placement Bureaus. Professional Bureaus. Training Departments in Corporation and Trade Schools. Labour Colleges.
	Social and Economic Legislation in Great Britain and the United States since 1900. Literature of Socialism. Elements of Statistics.	Seminary: Social and Industrial Research. Seminary: Statistics. Seminaries: (1) Labour Organization, (2) Research in Labour Problems and Industrial Relations.	Investigators. Supervisors	
	Applied Sociology. Social Anthropology. Labour Problems.	Seminary: Industrial Revolution.	Executive Secretaries. Interviewers.	
	Economic and Industrial History.	Seminary: Constitutional Questions involved in modern economic and social problems.	Service and Educational Directors.	
	Social Psychology. Experimental Psychology.	Seminary: Mental Measurements.	Vocational Counselors.	
Politics. History. Psychology.	Vocational Psychology. (Applied Psychology.) Elementary Ethics. History of Morality.	Seminary: Social Philosophy. <i>Industrial Hygiene.</i>	Factory Inspectors. Teachers.	
Philosophy. Biology.				

PROGRAMME VI
SOCIAL AND INDUSTRIAL RESEARCH

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN
THIS FIELD

Elementary Subjects: Required courses and major group at Bryn Mawr College	Graduate Courses		Type of Positions open under listed agencies	Organized Agencies conducting work in this field
	Advanced Undergraduate Courses			
Economics.	History of Economic Thought. Elements of Statistics. Social and Economic Legislation in Great Britain and the United States since 1900. Applied Sociology. Social Anthropology. Labour Problems.	Seminary: Social and Industrial Research. Seminary: Statistics. Seminaries: (1) Social Origins, (2) Social Re- lationships. Seminary: Industrial Revolution. Seminaries: (1) Labour Organization, (2) Re- search in Labour Problems.	Organizer of Material for Proposed Legis- lation. Enumerators. Investigators.	Legislative Reference Libraries of Various States. Federal Department of Labour: Bureau of Statistics. Children's Bureau. Women's Bureau. State Boards of Labour and Industry.
Politics.	Present Political Problems.	Seminary: Constitutional questions involved in Modern Economic and Social Problems.	Statisticians. Supervisors of Investigations.	Departments of Public Welfare. Federal State. Municipal.
History.	History of Modern Europe. History of England.	Seminary: Temperament and Character and their Instinctive and Emotional Foundation.	Directors of Re- search.	Trades Unions. Industries. Consumers' League. American Labour Legislation Association.
Psychology.	Social Psychology.		Publicity Workers.	Child Labour Committees.
Philosophy.	Elementary Ethics. History of Morality.	Seminary: Social Philosophy.	Propagandist Work- ers.	Bureaus: Municipal Research. Social Research. Institute for Government Research. Surveys: City. Community. Rural. Trade Union.
Biology. English Composition. English Diction.		Mathematics.		

Courses Offered in the Carola Woerishoffer Graduate Department.

The instruction in this department is under the direction of Dr. Susan Myra Kingsbury, Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research; Dr. Hornell Hart, Associate Professor of Social Economy; Dr. Eleanor Lansing Dulles, Associate in Social Economy; Miss Almena Dawley, Non-resident Lecturer in Social Economy; Alice Hamilton, Special Lecturer in Industrial Poisons; Mrs. Eva Whiting White, Special Lecturer in Community Organization; and a special lecturer in Social Hygiene.

The departments of Economics and Politics, Psychology, Education, and Philosophy offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Associate Professor in Economics and Politics; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba, Professor of Psychology; Dr. Harry Helson, Associate Professor of Experimental Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Ilse Forest, Associate Professor in Education, and Mr. Samuel Arthur King, Non-Resident Lecturer in English Diction.

Graduate Courses.

The following graduate seminars and courses may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research, or may be offered, with the approval of the Director of the Department, towards the degree of Doctor of Philosophy as the associated or independent minor, when the major is taken in certain other departments according to the regulations of the Academic Council.

Seminary in Social and Industrial Research: Dr. Kingsbury.

*(Given in each year)**Three hours a week throughout the year*

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information, and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations, or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations, and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis, and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed, and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results, and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see page 15). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Seminary in Administration of Social Agencies: Dr. Kingsbury.

*(Given in 1929-30 and again in 1931-32)**Two hours a week throughout the year.*

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems, including a review of the outstanding contributions in the subject, and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed, and their application in connection with further research indicated.

Seminary in Social Relationships: Dr. Hart.

*Two hours a week throughout the year.**(Given in 1928-29 and again in 1930-31)*

Principles of social relationships will be worked out inductively through the study of actual group life. Applications of these principles will be developed through analysis of relationships within the family, relationships between delinquents and society, and relationships between races. Attention will be given to the problems of adjustment between the

purposes of the family, of races, and of native-born and foreign-born peoples. Collections of case studies in these fields will be analyzed and projects involving original research in this and allied fields will be undertaken.

Seminary in Social Origins: Dr. Hart. *Two hours a week throughout the year.*

(Given in 1929-30 and again in 1931-32)

Problems related to the nature of social progress and the methods whereby it can be achieved will be studied by members of the seminary. The course will begin with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York, or Washington. The natural laws of invention and of diffusion of culture will be studied inductively by analyzing the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies will be worked out in specific instances. Various prognoses as to the future of our civilization will be reviewed in relation to the foregoing material, and principles essential to sound social reform will be developed.

Seminary in Research in Sociology: Dr. Hart.

Two hours a week throughout the year.

(Given in each year)

Seminary in Community Organization and Administration: Dr. Hart.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions, and research and propaganda agencies, forms the subject-matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of their work. Special attention is given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work, and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Hart and the director of the particular agency or department and is so arranged as to give the student training during the academic year and the midwinter and summer practica (see pages 15-16) in some one or more of the following activities:

- (1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.
- (2) Regular daily management as assistants and later as directors.
- (3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts, and lectures, in public speaking and writing, and in conducting financial campaigns and special studies.
- (4) Teaching in night schools of classes in civics and elementary subjects, and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.
- (5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds, and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association, and work in smaller neighboring communities.

Seminary in Labour Organization: Dr. Dulles.

Two hours a week throughout the year.

(Given in each year)

Some of the forces found in modern industrial methods, the inequality of distribution, and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work, and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories, and various state and private organizations which are concerned with employment, vocational guidance, and legislative reform.

Seminary in Industrial Relations: Dr. Dulles.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year,

(Given in each year)

The aim of this seminary is to secure an understanding of actual conditions, methods, and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labor, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical comparisons of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labor exchanges, government agencies, scientific management, industrial poisons, and other topics are included in the course. Actual cases are studied and observation trips give the student first hand information regarding present day conditions and methods.

The Field work in the factories and stores, which is a part of the work of this seminary, is accompanied in alternate weeks by a two-hour discussion period on the practical problems which the student must meet.

This seminary must be accompanied by the seminary in Labor Organization.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Dulles.

Two hours a week throughout the year.

(Given in each year)

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.

Three hours a week throughout the year.

Laboratory and Field Work.

*Seven hours a week throughout the year.**(Given in each year)*

The object of this course will be to understand the basis of each human being's inability to maintain himself, as well as to interpret his reactions and behavior in terms of his life experiences and relationships, and utilize this evaluation in carrying out treatment. Coincident with this endeavor the various processes of case work will be discussed. The seminary also includes case recording, evaluation of case material, of the community resources essential for treatment, and of the case worker's relationship to these resources.

The Practicum in Social Case Work during the past year has consisted of field work carried on 10 hours per week and a mid-winter and a summer practicum (see page 15) with the following agencies: The Family Society of Philadelphia, the Children's Aid Society, the Children's Bureau, and the International Institute. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the particular agency or department.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Social Statistics: Dr. Kingsbury.

*Two hours a week throughout the year.**(Given in each year)*

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions, and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is presupposed. This course is required of all graduate students in the Department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

*One-half hour a week throughout the year.**(Given in 1929-30)*

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

Social Economy Journal Club: Dr. Kingsbury, Dr. Hart and Dr. Dulles.

Two hours once a fortnight throughout the year.

Current articles are reviewed, recent reports, surveys and investigations are criticised, and the results of important research are presented for discussion.

The following seminars offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.

Two hours a week throughout the year.

The object of the seminary is to train students in the methods of research, and in the organization of material. In short reports and long papers members of the seminary are given practice in using original sources and in a critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction, and graduate studies are specially designed to prepare advanced students for Government Civil Service Examinations in the Department of State, Department of Commerce, and the Department of Labor, as well as for higher degrees.

1929-30: Economic Institutions in the United States; Finances and Banking, Agriculture, Manufacture, Commerce, etc.

1930-31: Economic Thought in the Nineteenth Century.

1931-32: The Industrial Revolution in Great Britain and Europe.

Seminary in Politics: Dr. Fenwick.

Three hours a week throughout the year.

(Given in each year)

The methods of instruction in the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1928-29: International Law.

Following an examination of the classic writers on international law, the chief attention of the seminary will be devoted to a study of the principles and rules of international law which have been the center of controversy between nations of recent years. In particular the questions now under consideration by various scientific groups as possible subjects of codification will be examined in detail. The work of this course will be greatly facilitated by a preparatory course in Constitutional Law.

1929-30: The Constitutional Law of the United States.

The decisions of the Supreme Court of the United States will form the basis of the work. Special stress will be laid upon the relations between the federal and state governments, interstate commerce, and due process of law under the Fourteenth Amendment. Students will be required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

1930-31: Constitutional Questions involved in Modern Economics and Social Problems.

The chief economic and social problems of the United States will be studied from the point of view of the restrictions placed by the Constitution upon the legislative powers of Congress and of the several states dealing with those subjects. As an introduction the various theories relating to the proper functions of the state will be discussed.

Seminary in Economics or Politics: Dr. Wells.

Two hours a week throughout the year.

1928-29: Municipal Institutions.

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of governmental organization, municipal finance, city planning, housing,

public utilities, and other topics. The course deals not only with American but also with foreign cities, especially those of England, France, and Germany. Students will be afforded training in research through the preparation and presentation of several reports involving the use of official documents and other source material, and, wherever possible, these reports will be supplemented by practical field work. The seminary may be counted either as Economics or as Politics, depending upon the nature of the reports done by the individual student.

1929-30: The History of Political Thought, or State Government in the United States, or Political Parties and Electoral Problems in the United States, England, France and Germany.

Psychological Seminary: Dr. Leuba. *Two hours a week throughout the year.*
(Given in each year)

As the foundation of the work of the seminary one or two of the following subjects will be chosen each year: the psychology of mental and moral deficiencies with reference to the social problems they present, including case studies and research work in problems of delinquency; social psychology; chapters in abnormal psychology and the Freudian psychology; the fundamental principles of psychology; the psychology of religion and ethics.

Seminary in Social Psychology: Dr. Leuba.
Two hours a week during the second semester.
(Given in each year)

Seminary in Experimental and Systematic Psychology: Dr. Helson.
Three hours a week throughout the year.
(Given in each year)

This seminary is intended, primarily, to give a systematic presentation of the literature of experimental psychology. Due consideration, however, will be given to all points of systematic importance. The work is grouped about the following topics: sensation, the simpler sense complexes, perception and ideas, feeling and the effective processes, attention, action, and the intellectual processes (memory, association, imagination, etc.). The course covers three years; but the topics chosen and the time devoted to each vary from year to year according to the needs of the students.

Seminary in Advanced Mental Measurements: Dr. Rogers.
Two hours a week throughout the year.
(Given in 1928-29)

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement and to training in research in applied psychology.

Seminary in Advanced Educational Psychology: Dr. Rogers.
Two hours a week throughout the year.
(Given in 1929-30)

The main problems of educational psychology, and especially the psychology of school and high school subjects are studied from a theoretical and experimental point of view.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers, Dr. Forest and Dr. Hamilton.

Three hours a week throughout the year.
(Given in each year)

This seminary gives training in the diagnosis of educational difficulties at all levels and of behavior difficulties of the nursery and elementary school child, also practical experience in giving remedial treatment as well as a critical study of the diagnosis and remedial methods now in use. The seminary is especially recommended to students preparing for work in child guidance clinics, for child welfare work and as visiting teachers.

Seminary in Child Psychology: Dr. Forest.

*Two hours a week throughout the year.**(Given in alternate years)*

This course offers graduate students the opportunity for the intensive study of the characteristic mental and emotional traits of growing children. Personality studies will be made at various age levels, and members of the class will be given some practical experience in remedial work with normal children who present behavior difficulties.

Seminary in Principles of Education: Dr. Forest.

*Two hours a week throughout the year.**(Given in alternate years)*

This seminary will be devoted to the study of modern educational theory, and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method, and school administration directly in line with the interests of individual students will be discussed in the seminary, and will in so far as possible determine the content of the theoretical readings in the philosophy of education.

The following advanced undergraduate courses are offered by the Carola Woerishoffer Graduate Department:

Elements of Statistics: Dr. Kingsbury. *Two hours a week throughout the year.**(Given in each year)*

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, averages, graphic methods, measures of variation, theory of sampling, index numbers, theory of probability and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations, and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

*Two hours a week throughout the year.**(Given in each year)*

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighborhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart.

*Three hours a week throughout the year.**(Given in each year)*

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, and bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique of social progress. A course in social science is prerequisite for this course.

Labour Problems: Dr. Dulles.*Three hours a week throughout the year.**(Given in each year)*

The present day problems of Labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labor, compensation, social insurance, welfare work, and the radical experiments of labor. The significance of workers' education and of the various labour colleges and schools is stressed, with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

The following advanced undergraduate courses offered in other departments are recommended to graduate students of Social Economy and Social Research:

Present Political Problems: Dr. Fenwick.*Five hours a week, 1st Semester.**(Given in 1928-29)*

This course deals with the vital problems of modern government, both theoretical and practical. It inquires into the authority of the state and the legal and moral basis upon which it rests. It analyzes the constitutional foundations of modern democracy and the newer forms of organization which are replacing the old governmental machinery. In particular it examines the new fields into which government is extending its control and the limitations in this respect imposed by the Constitution of the United States.

History of Economic Thought and Recent Economic Problems: Dr. M. P. Smith.*Five hours a week, 2nd Semester.**(Given in each year)*

The object of this course is to trace the history of secular thinking on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labor, value and price, to the present time.

An historical introduction occupying about half the semester leads to a survey of the modern economic world and its problems.

The students are expected to do extensive reading and to write a number of short papers on their reading.

Elements of Law: Dr. Fenwick.*One hour a week throughout the year.**(Given in each year)*

(This course may be elected only by students who have studied economics and politics or modern history at least five hours a week for one year.)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The subjects covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property, and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

The Literature of Socialism: Dr. M. P. Smith.*Three hours a week throughout the year.**(Given in 1928-29)***Municipal Institutions: Dr. Wells.***Two hours a week throughout the year.**(Given in 1928-29)*

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon

contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

Experimental Psychology: Dr. Helson.

Five hours a week, 1st Semester.

Laboratory Work: Dr. Helson.

Four hours a week.

(Given in each year)

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

The lectures take up certain topics in systematic psychology. The historical, critical, and theoretical features of the subjects covered are discussed and the experimental features demonstrated. Special stress is laid on the comparative study of methods. The laboratory work consists of individual practice in selected topics.

Elementary Ethics: Dr. Theodore de Laguna.

Three hours a week, 1st Semester.

(Given in each year)

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The classical theories of the subject, such as Stoicism and Epicureanism, are briefly treated, emphasis being laid less upon the abstract issues involved than upon the rival "ways of life." The modern evolutionary theory of morals is studied at greater length.

Social Philosophy: Dr. Theodore de Laguna. *Two hours a week, 1st semester.*

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is a study of the philosophical ideas that have been connected with the rise of modern democracy and nationalism. The more important theories of the nature of the state, and of the relation of the state to other forms of social union, will be discussed; also certain special moral questions related to the theory of punishment.

History of Morality: Dr. Grace de Laguna.

Two hours a week, 1st semester.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This course treats of the development of moral ideals and obligations from primitive to civilized conditions. Especial attention is given to the moral standards connected with marriage and the position of women. The relation of morality to magic and taboo, as well as to polytheistic and monotheistic religion, is studied, and also the interaction between economic conditions and moral standards.

Social Psychology: The Psychology of Group Life and of Some Social Institutions: Dr. Leuba.

Five hours a week, 1st Semester.

(Given in each year)

(Open only to students who have taken the first year course in Psychology of Action five hours a week in the second semester. Experimental Psychology is not a prerequisite. May be taken as a free elective.)

Educational Psychology: Dr. Rogers.

Three hours a week throughout the year.

(Given in each year)

This course provides the psychological basis for educational theory and practice, including the psychology of elementary and high school subjects.

Mental Tests and Measurements: Dr. Rogers.*Five hours a week during the second semester.***Laboratory Work: Dr. Rogers.***Four hours a week during the second semester.**(Given in each year)*

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

This course is open to students who have attended the minor course in experimental psychology or its equivalent.

Child Psychology: Dr. Forest.*Three hours a week throughout the year.**(Given in each year)*

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest.*Two hours a week throughout the year.**(Given in each year)*

This course presents a study of the principles underlying the educative process. It includes such topics as (1) the relation of the school to the community, (2) a critical consideration of the methods of teaching, (3) the determination of what should be taught in schools and (4) how they should be organized and administered.

Degrees and Certificates Conferred in the Carola Woerishoffer Graduate Department of Social Economy and Social Research 1915-1928

Doctor of Philosophy of Bryn Mawr College

BYRNES, AGNES MARY HADDEN Social and Industrial Research	ORMSBEE, HAZEL GRANT Social Case Work
HUGHES, GWENDOLYN SALISBURY Social and Industrial Research	WATSON, AMEY EATON Social Case Work

Two Year Certificate in Social Economy

AHLERS, HARRIET HOWE Industrial Relations	HIBBARD, HELEN RUTH Community Organization
BARNES, HELENA MYRL Community Organization	MACMASTER, AMY KELLOGG Community Organization
BAXTER, GEORGIA LOUISE Social Case Work	MEREDITH, LOIS ANGELINE Social Case Work
BEARD, BELLE BOONE Social and Industrial Research	MORRISON, ANNE HENDRY Community Organization
CHEYNEY, ALICE SQUIRES Social and Industrial Research	NEELY, TWILA EMMA Industrial Relations
COPENHAVER, ELEANOR Community Organization	NETERER, INEZ MAY Community Organization
DAVIES, JANE STODDER Community Organization	SHIELDS, WILMER Social and Industrial Research
DONG, NYOK ZOE Community Organization	SMALTZ, REBECCA GLOVER Industrial Relations
ELLIOTT, MABEL AGNES Social and Industrial Research	SNELL, JULIA CHARLOTTE Social and Industrial Research
FAIRCHILD, MILDRED Social and Industrial Research	SPALDING, HELEN ELIZABETH Social Case Work
FEDER, LEAH HANNAH Social Case Work	TETLOW, FRANCES HOWARD Industrial Relations
FULLER, HELEN GENEVIEVE Social Case Work	WILDE, CONSTANCE ELIZABETH MARY Industrial Relations
HALL, BESSIE LOUISE Social Case Work	WOODS, AGNES STERRETT Community Organization

Master of Arts of Bryn Mawr College

DULLES, ELEANOR LANSING Industrial Relations	JACOBS, MILDRED CLARK Social Case Work
HARRIS, HELEN MARIE Community Organization	KENYON, ADRIENNE Community Organization
HILL, CATHARINE UTLEY Social and Industrial Research	SHIELDS, WILMER Social and Industrial Research
HUNT, ELIZABETH PINNEY Social and Industrial Research	SMALTZ, REBECCA GLOVER Industrial Relations

SPALDING, HELEN ELIZABETH
Social Case Work

WALLACE, ISABEL KING
Industrial Relations

WESTON, DOROTHY VIVIAN
Community Organization

One Year Certificate in Social Economy

BARRINGER, FLORA McIVER
Social Case Work

FELTS, JOSEPHINE NOYES
Social Case Work

BELL, KATHARINE RAYNOLDS
Industrial Relations

FERNALD, ABBA COLBURN
Social and Industrial Research

BELL, MARY SLOAN
Social and Industrial Research

FINLEY, GAIL
Industrial Relations

BERTCH, DOROTHY MAXWELL
Community Organization

FROST, WINIFRED LILIAN
Industrial Relations

BLAIR, BERTHA
Social and Industrial Research

FULK, LUCILLE
Industrial Relations

BUTLER, CLARE WILHELMINA
Social Case Work

GALSTER, AUGUSTA EMILE
Industrial Relations

BUTLER, ELSA MAY
Social Case Work and Social and
Industrial Research

GANTENBEIN, MARY ELLEN
Community Organization

CAMPBELL, PERSIA CRAWFORD
Social and Industrial Research

GAYFORD, MURIEL JANET
Industrial Relations

CERS, EDNA
Social and Industrial Research

GIFFORD, HELEN WING
Industrial Relations

CHALKLEY, LYSSA DESHA
Social Case Work

GOODHUE, MARY BROOKS
Industrial Relations

CHALUFOUR, FRANCE MARIE
ALICE

GORDON, MILDRED ELIZABETH
Social and Industrial Research

Industrial Relations

GUYOT, JOSEPHINE
Industrial Relations

CHAPMAN, FRANCES STEVENSON
Social Case Work

HARMAN, MINNIE ETTA
Community Organization

CHAPMAN, RUTH EMILY
Community Organization

HATHEWAY, GRACE
Industrial Relations

COFFIN, MARTHA MAXINE
Industrial Relations

HAUPT, ISTAR ALIDA
Student in Psychology

DANIEL, FRIEDA OPAL
Social and Industrial Research

HAYS, ELIZABETH
Industrial Relations

DARR, MARJORIE
Community Organization

HEIPP, ELSIE
Industrial Relations

DE BOBULA, IDA
Industrial Relations

HENDRICKS, MARJORY EVEREST
Industrial Relations

DURFEE, MARY ELIZABETH
Industrial Relations

HIBBARD, RUTH
Industrial Relations

DURGIN, MARGARET ETHEL
Industrial Relations

HINDS, ETHEL
Social Case Work

EVANS, ELIZABETH
Social Case Work

HUNT, ELIZABETH PINNEY
Social and Industrial Research

EWART, ELIZABETH
Industrial Relations

HUNTINGTON, EMILY HARRIET
Industrial Relations

FAST, LISETTE EMERY
Industrial Relations

HYMAN, ANNA
Social Case Work

- INABNIT, MARGARET
Industrial Relations
- JOHNSON, BARBARA LEE
Community Organization
- KUHN, ADA RUTH
Social and Industrial Research
- KYDD, MARY WINNIFRED
Social Theory
- LAYMAN, DOROTHY REID
Social Case Work
- LETSCHKE, MARY HENRIETTA
Industrial Relations
- LONEGREN, IRMA CAROLINE
Social Case Work
- MAHN, KATHRYN LUCILLE
Industrial Relations
- MANBAR, ROSA
Social and Industrial Research
- MARTIN, NAN MUIR
Industrial Relations
- McKAY, EVELYN CHRISTIANA
Industrial Relations
- MILES, WINIFRED CHARLOTTE
Industrial Relations
- MILLER, EDITH M.
Community Organization
- MONROE, MARGARET MONTAGUE
Social Case Work
- NASON, ARDIS
Industrial Relations
- NEELY, ANNE ELIZABETH
Social Case Work
- PALMER, GLADYS LOUISE
Industrial Relations
- PIERROT, HENRIETTE
Social Case Work
- PIRIE, ALICE MAY
Industrial Relations
- PORTER, ELIZABETH LANE
Community Organization
- PRICE, EDITH MAY
Social Case Work
- PRICE, FANNY EMOGENE
Community Organization
- REINHOLD, ROSEMARY DOROTHY
Community Organization
- RESS, EVA
Industrial Relations
- ROBBINS, RHODA
Community Organization
- RODNEY, MARY EMILY
Community Organization
- ROSS, HELEN
Industrial Relations
- SCHERMERHORN, HELEN IVES
Community Organization
- SCHMIDT, GERTRUDE
Industrial Relations
- SCHOENFELD, MARGARET HERTHA
Industrial Relations
- SHACKELFORD, PEMALA
Industrial Relations
- SHANEK, BERTHA
Industrial Relations
- SHAPIRO, LILLIAN
Social Case Work
- SHAW, ANNIE
Social and Industrial Research
- SMILOVITZ, RACHEL LILIAN
Industrial Relations
- SNIDER, MARGUERITE LYONS
Community Organization
- SORBETS, MARGUERITE
Industrial Relations
- SPENCE, VIRGINIA WENDEL
Industrial Relations
- STEVENSON, MARGARETTA PRICE
Community Organization
- SUMNER, MARY CLAYTON
Social Case Work
- TATTERSHALL, LOUISE MAY
Industrial Relations
- TUTTLE, LORNA MAY
Industrial Relations
- WALDER, EMMI
Industrial Relations
- WHITE, MARCELLA
Community Organization
- WILLARD, MILDRED McCREARY
Student in Psychology
- WILLIAMS, ADA GRISWOLD
Social Case Work
- WILLIAMS, GRACE EDITH
Industrial Relations
- WITMER, HELEN LELAND
Social Case Work
- ZRUST, JOSEPHINE LUCILLE
Community Organization

Special War Emergency Certificate in Industrial Relations

BELL, KATHARINE RAYNOLDS	McCAUSLAND, CATHERINE
BOALT, MARION GRISWOLD	MCDOWELL, DOROTHY ELEANOR
BORNGESSER, MARIE LOUISE	MOREHOUSE, BERTHA
BUNTON, GEORGIANA	NISSON, ESTELLE
BUSE, ALPHA BEATRICE	OPP, HELEN SCHUYLER
COOK, HELEN ADELIA	OWENS, JEANETTE CAROLINE
CORSTVET, EMMA GRETCHEN	PADDOCK, LAURA BELL
DAVIDSON, HELEN ROWENA	PANCOAST, ELINOR
DINSMORE, MARY	SCHAUFFLER, MARY CHRISTINE
FRANKFURTER, ESTELLE	STADLER, EVELYN
HERRING, HARRIET LAURA	STELLE, KATHARINE BEATRICE
KRANZ, CAROLYN MATILDA	STILES, HALLIE ULA
KROH, MABEL MAY	WHITE, JEANETTE OLIVIA
LIGHT, NAOMI	WOOD, MARGARET THOMPSON
MASON, FLORENCE REYNOLDS	WELLS

*Former Students Who Have Satisfactorily Completed at Least
Two Seminaries in Social Economy*

BACHE, PRISCILLA	PEW, ETHEL
BIBROVA, MARIE	SCHOELL, MARIE
BROWN, ANNA HAINES	SMITH, GERALDINE FRANCES
COE, THELMA	STRAUSS, LILLIAN LASER
FISK, CHARLOTTE	WHITE, LEDA FLORENCE
HUSTON, ROSE	WOODRUFF, RUTH JACKSON
NEWKIRK, ALICE MAYNARD FIELD	WRIGHT, AUDREY

**Students in the Carola Woerishoffer Graduate
Department of Social Economy and Social Research
who have received an Advanced Degree or a Cer-
tificate from Bryn Mawr College—1915–1928**

AHLERS, HARRIET HOWE..... Cedar Grove, Me.
Grace H. Dodge Fellow in Social Economy and Social Research, 1924–26.
Two year certificate, 1926. Intercollegiate Service Association
Fellow, 1926–27; Special Research Fellow, 1928–29.

Academic Training: A.B., University of Minnesota, 1915; Student, Chicago School of
Civics and Philanthropy, summer, 1917; University of Minnesota, 1919–20.

Positions, 1915–24: Teacher of English, Technical High School, St. Cloud, Minn., 1915–19;
Worker, A. R. C., France, five months, 1919; Director of Women's Work, Bureau of
Adult Education, Hartford, Conn., 1920–24.

Practicum: Juvenile Division, New York State Employment Service; Plimpton Press,
Norwood, Mass.

Positions, 1927—: Tutor in English, 1927, Instructor in English and Psychology, 1928,
Bryn Mawr Summer School for Women Workers in Industry, Bryn Mawr. Reader
in Educational Psychology, and Demonstrator in Educational Measurements, Bryn
Mawr College, 1927–28.

BACON, MRS. CHARLES J. (see Guyot, Josephine).

BARNES, HELENA MYRL..... 6 Chatham Street, Worcester, Mass.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1922–23; Intercollegiate Community Service Association Fellow,
1923–24. Two year certificate, 1924.

Academic Training: B.S., Elmira College, 1922.

Practicum: College Settlement, Philadelphia.

Positions, 1924—: Investigator, Children's Code Commission, Philadelphia, 1924; Indus-
trial Secretary, Y. W. C. A., Buffalo, N. Y., 1924–27; Worcester, Mass., 1927—.

BARRINGER, FLORA McIVER..... Box 213, Florence, S. C.
Graduate Student in Social Economy and Social Research, 1922–23.
One year certificate, 1923.

Academic Training: A.B., Converse College, 1922.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1923—: Teacher, Public Schools, Florence, S. C., 1923–25; Substitute Teacher,
1925—; Secretary, Hotel Florence, 1925–27.

BAXTER, GEORGIA LOUISE (Mrs. John J. McConnell)
Caixa Postal 883, Rio de Janeiro, Brazil
Carola Woerishoffer Fellow in Social Economy and Social Research,
1917–19. Two year certificate, 1919.

Academic Training: A.B., University of Denver, 1914; M.A., University of California,
1917; American Scandinavian Foundation Fellow, University of Stockholm, 1921–22.

Position, 1914–15: Teacher, State Industrial School for Girls, Morrison, Colo.

Practicum: Bureau of Statistics, Municipal Court, Philadelphia.

Positions, 1919—: Research Secretary, Consumers' League of Eastern Pennsylvania,
1919–21; Research Assistant, Chase National Bank, New York City, 1922–25; Research
Associate with Research Committee on Latin America, Columbia University, 1925–28.

BEARD, BELLE BOONE..... Boone Mill, Va.
Graduate Student in Social Economy and Social Research, 1926–27;
Carola Woerishoffer Fellow in Social Economy and Social Research,
1927–28; Two year certificate, 1928; Fellow, Judge Baker Founda-
tion, 1928–29.

Academic Training: A.B., Lynchburg College, 1923.

Positions, 1923–25: Teacher, High School, Bluefield, Va., 1923–24; Field Secretary,
Lynchburg College, 1924–25.

Practicum: Bryn Mawr Community Center; University Settlement, Philadelphia; Child Guidance Clinic, Philadelphia; Bates House, Long Branch, N. J.
Position, 1925-27: Research Assistant, Carola Woerishoffer Graduate Department.

BELL, KATHARINE RAYNOLDS (Mrs. William C. McCoy)
 3276 Grenway Road, Cleveland, Ohio
Non-Resident Scholar in Social Economy and Social Research, 1917-18;
Scholar in Social Economy, June, 1918-February, 1919. One
year certificate and Special War Emergency Certificate, 1919.

Academic Training: A.B., Cornell University, 1917.
Practicum: Bryn Mawr Community Center; The McElwain Shoe Manufacturing Company, Manchester, N. H.; The United States Cartridge Company, Lowell, Mass.; General Electric Company, Lynn, Mass.; The Midvale Steel and Ordnance Company, Philadelphia.
Positions, 1919-22: Assistant in employment of office women, Goodrich Rubber Company, Akron, Ohio, 1919-20; Assistant in charge of Employment of Women, Goodyear Tire and Rubber Company, Akron, 1920-22.

BELL, MARY SLOAN Huron, S.D.
Grace H. Dodge Fellow in Social Economy and Social Research, 1925-26.
One year certificate, 1926.

Academic Training: A.B., Huron College, 1914; M.A., University of California, 1923; Fellow in Education, Bryn Mawr College, 1926-27.
Positions, 1914-25: Teacher, High School, Sisseton, S. D., 1914-17; Big Timber, Mont., 1917-19; Huron College, 1919-20; Dean of Women, Huron College, 1920-22 and 1923-25.
Positions, 1926—: Dean of Women, Huron College, 1926—.

BERRY, MRS. LESLIE (see Hughes, Gwendolyn).

BERTCH, DOROTHY MAXWELL 229 South 5th Street, Reading, Pa.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1921-22. One year certificate, 1922.

Academic Training: A.B., Miami University, 1921.
Practicum: Bryn Mawr Community Center.
Positions, 1922—: Assistant Girls' Club Worker, East Side House, New York City, 1922-24; Girls' Club Worker, St. Martha's House, Philadelphia, 1924-27; Director, Junior League House, Reading, Pa., 1927—.

BLAIR, BERTHA 1819 East 7th Street, Duluth, Minn.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1927-28; Graduate Student in Social Economy, 1928-29. One
year certificate, 1928.

Academic Training: A.B., Macalester College, 1919.
Positions, 1919-27: Teacher, Public Schools, Duluth, Minn., 1919-20; Girl Reserve Secretary, Y. W. C. A., Kalamazoo, Mich., 1920-23; Stenographer, Duluth, Minn., 1924; Industrial Secretary, Y. W. C. A., Duluth, Minn., 1925-27.
Positions, 1928—: Assistant, Bryn Mawr Summer School for Women Workers in Industry, summer, 1928; Research Assistant, Carola Woerishoffer Graduate Department, 1928-29.

BOALT, MARION GRISWOLD 26 Cortland Street, Norwalk, Ohio
Scholar in Social Economy and Social Research, June, 1918-February,
1919; Special War Emergency Certificate, 1919.

Academic Training: Mount Holyoke College, 1900-03; A.B., Lake Erie College, 1904; Teachers College, 1914-15, and summer, 1915; University of Chicago, summer quarter, 1917; Western Reserve University, 1922-24.
Positions, 1904-18: Teacher, Lake Erie College, 1904-05; Wells College, 1905-11, and Mills College, 1911-18.
Practicum: The Dennison Manufacturing Company, Framingham, Mass.; Joseph & Feiss Company, Cleveland, Ohio; The United States Employment Service, Philadelphia.
Positions, 1919—: Worker in Employment Department, Lindner Company, Cleveland, Ohio, 1919; Field Supervisor of Employment, Y. W. C. A., Chicago, Ill., 1919-20; Employment Secretary, Y. W. C. A., Columbia, S. C., 1921; Visitor, Associated Charities, Cleveland, Ohio, 1922-27; Visitor and Placing Agent, Children's Home, Oberlin, Ohio, 1927—.

BORNGESSER, MARIE LOUISE Died, 1919
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: B.S., University of Pennsylvania, 1918; University of Chicago, September–December, 1918.

Positions, 1913–18: Saleswoman, 1913; Assistant Housemother, St. Stephen's Farm, summers, 1914 and 1915; Playground Worker, Friends Neighborhood Guild, Philadelphia, summer, 1917; Recreation Secretary, Y. W. C. A., Philadelphia, summer, 1918.

Practicum: The American International Shipbuilding Company, Hog Island, Philadelphia.

BRADLEY, MRS. ELMER ELLSWORTH (see Snell, Julia Charlotte).

BRINSER, MRS. DONALD C. (see Rodney, Mary Emily).

BUNTON, GEORGIANNA (Mrs. Robert Montgomery)

946 Lafayette Avenue, Niagara Falls, N. Y.

Scholar in Social Economy and Social Research, June, 1918–February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Northwestern University, 1910.

Practicum: The Dennison Manufacturing Company, Framingham, Mass.; Bryn Mawr Community Center; Barrett Manufacturing Company, Philadelphia.

Position, 1919: Investigator for Industrial Commission, Y. W. C. A., New York City.

BUSE, ALPHA BEATRICE. Ginling College, Nanking, China

Scholar in Social Economy and Social Research, October, 1918–June, 1919. Special War Emergency Certificate, 1919.

Academic Training: B.S., University of Montana, 1916; Graduate Student, London School of Economics, 1922–23.

Position, 1917–18: War Department, Division of Military Aeronautics, Washington, D. C.

Practicum: The Winchester Repeating Arms Company, New Haven, Conn.

Positions, 1919–: Industrial Investigator, Czecho-Slovakia Survey for the Government, Y. W. C. A., Prague, 1919; Industrial Supervisor, Y. W. C. A., Paris, France, 1920–21; Circulation Manager, *Woman's Press*, New York City, 1921–22; Journalist, *The Survey*, New York City, 1923–25; Instructor of English, Ginling College, Nanking, China, 1925—.

BUTLER, CLARE WILHELMINA. City Club, Elk Street, Albany, N. Y.

Robert G. Valentine Scholar in Social Economy and Social Research, 1917–18. One year certificate, 1918.

Academic Training: A.B., Vassar College, 1909.

Positions, 1909–17: Instructor of Mathematics and Science, Lindenwood College, St. Charles, Mo., 1909–10; Graduate Nurse, Massachusetts General Hospital, Boston, December, 1915; Registered Nurse, Massachusetts, 1917, New York, 1923; Medical Social Worker, Massachusetts Charitable Eye and Ear Infirmary, Boston, January, 1916–June, 1917.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1918–: Psychiatric Social Worker, Psychopathic Hospital, Boston, 1918–22; Nurse, Phillips House, Boston, summer, 1922; Psychiatric Social Worker on New York County Jail Survey, National Committee for Mental Hygiene, New York City, 1922; Investigator, U. S. Coal Commission, Washington, D. C.; Research Worker, Committee on Dispensary Development, New York City, 1923–24; Worker on Case-finding Survey, Worker, Personnel Bureau, Society for Organizing Charity, 1925—; Acting Director, Pennsylvania Tuberculosis Society, Fayette County, Pa., 1924–25; Research Worker, Personnel Bureau, Society for Organizing Charity, 1925; Acting Director, Social Service Department of Polyclinic Hospital, New York City, summer, 1926; Psychiatric Social Worker, East Chester Neighborhood Association, Westchester County, N. Y., 1926; Research Worker, New York State Department of Health, Albany, N. Y., 1927—.

BUTLER, ELSA MAY (Mrs. Elsa Butler Grove)

540 West 123rd Street, New York City

Carola Woerishoffer Fellow in Social Economy and Social Research, 1915–16. One year certificate, 1916.

Academic Training: A.B., Vassar College, 1905; A.M., Washington University, 1914; Columbia University, 1925–28; Vassar Alumnae Fellow, 1926–27.

Positions, 1906–15: Teacher, High School, Neligh, Nebr., 1905–06; Akeley Hall, Grand Haven, Mich., 1906–08; Hosmer Hall, St. Louis, Mo., 1908–12; Assistant Head Worker, Social Service Department, Children's Hospital, St. Louis, Mo., 1912–15.

Positions, 1916–: Head Worker, Social Service Department, Hahnemann Hospital, Philadelphia, 1916–18; Extension Course Lecturer on "Hospital Social Service," Pennsylvania School for Social Service, Philadelphia, 1916–18; Field Director of the State of Missouri, Bureau of Civilian Relief, Southwest Division, A. R. C., 1918; Director, Home Service Institute, A. R. C., St. Lawrence County, New York, July, 1918; Assistant Professor of Social Economics, Vassar Training Camp for Nurses, August–September,

1918; Executive Secretary of the Polish Gray Samaritan Training School, War Work Council, Y. W. C. A., 1918-19; Executive Vassar Unit, Verdun, France, 1919-20; Director of Social Welfare in Baltic States, A. R. C., 1921-22; Executive Secretary, Vassar Club, New York City, 1922-23; Associate Director, Smith College Training School for Social Work, and Assistant Professor of Sociology and Economics, Smith College, 1923-25; Lecturer in Social Science, Teacher's College, Columbia University, Summer, 1926; Instructor for Case Conference Study Group, Philadelphia Hospital Social Workers, 1928—.

BYRNES, AGNES MARY HADDEN. 279 Lexington Avenue, New York City
Susan B. Anthony Scholar in Social Economy and Politics, 1916-17;
Carola Woerishoffer Fellow in Social Economy and Social Research,
1917-18. Doctor of Philosophy, 1920.

Academic Training: A.B., Northwestern University, 1915; A.M., Columbia University, 1916; Ph.D., Bryn Mawr College, 1920.

Positions, 1918—: Statistical Tabular Critic, United States War Trade Board, Washington, D. C., 1918; Instructor and Assistant Professor of Social Research, Margaret Morrison Carnegie College, Carnegie Institute of Technology, Pittsburgh, Pa., 1918-24; Expert Economic Analyst, Children's Bureau, Washington, D. C., 1925-27; Instructor of Economics, Hunter College, 1925—.

CAMPBELL, PERSIA CRAWFORD

"Arelle," 46 Prospect Road, Summer Hill, Sydney, Australia
British Scholar in Social Economy and Social Research, 1922-23. One
year certificate, 1923.

Academic Training: A.B., Sydney University, 1917; M.A., 1919; M.Sc., London School of Economics, 1922; Travelling Scholar of Sydney University, 1920-23.

Positions, 1919-22: Lecturer in W. E. A., Sydney, 1919-20; Teacher, Presbyterian Ladies' College, Sydney, 1919-20; Administrative Officer, Agency General for New South Wales, London, June-September, 1922.

Position, 1923—: Member of Staff, Geo. Robertson Publishing Company, Sydney, Australia, 1924—.

CARY, MRS. RICHARD LUCIUS (see Goodhue, Mary Brooks).

CERS, EDNA 337 West 22d Street, New York City
Susan B. Anthony Scholar in Social Economy and Politics, 1921-22.
One year certificate, 1922.

Academic Training: A.B., Radcliffe College, 1921; Fellow in Economics, Bryn Mawr College, 1922-23; Gilder Research Fellow, Columbia University, 1923-24; Fellow, Robert Brookings Graduate School of Economics and Government, 1924-25.

Positions, 1925—: Field Agent, Children's Bureau, U. S. Department of Labor, Washington, D. C., 1925; Executive Secretary, Consumers' League of the District of Columbia, 1925-26; Research Assistant, U. S. Chamber of Commerce, Washington, D. C., 1926-28; Research Assistant, Council on Foreign Relations, 1928; Instructor, Department of History and Social Science, Hunter College, 1928—.

CHALKLEY, LYSSA DESHA (Mrs. Ernest Harper)

6 College Grove, Kalamazoo, Mich.
American Red Cross Scholar in Social Economy and Social Research,
1921-22. One year certificate, 1922.

Academic Training: Ph.B., University of Chicago, 1920.

Practicum: American Red Cross, Philadelphia; Society for Organizing Charity, Philadelphia.

Position, 1922—: Teacher of English, Episcopal School for Girls, Versailles, Ky., 1922-23; Worker in Clinics, Child Welfare League, Kalamazoo, Mich., 1924-25; Assistant to Visiting Teacher, Public Schools, 1927; Teacher of English, Kalamazoo College, 1927—.

CHALUFOUR, FRANCE MARIE ALICE

1 Place des Ecoles, Boulogne sur Seine, France.
Special French Scholar in Social Economy and Social Research, 1919-
20. One year certificate, 1920.

Academic Training: Lycée Molière.

Practicum: Bryn Mawr Community Center; The Miller Lock Company, Philadelphia; The United States Rubber Company, New Haven, Conn.

Positions, 1920—: Assistant Director, Subnormal Training Class, United States Rubber Company, 1920; Assistant Director of Standardization, 1920-21; Secretary, A. R. C., West Haven, Conn., 1921-22; Research Assistant, University of Pennsylvania, 1922-23; Statistician, U. S. Coal Commission, Washington, D. C., 1923; Clerk, Scientific Organi-

zation and Foreign Trade Department, Michelin et Cie, Clermont-Ferrand, France, 1924; Research and Information Secretary, International Migration Service, London, England, 1924-25; Research worker, Columbia Council for Research in the Social Sciences, Paris, 1925—.

CHAPMAN, FRANCES STEVENSON . . . 119 West Wayne Avenue, Wayne, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1925-26.
One year certificate, 1926.

Academic Training: Cumberland College, 1921-22; A.B., University of Chattanooga, 1925.

Practicum: Mothers' Assistance Fund, Philadelphia.

Position, 1926—: Family case worker, Neighborhood League, Wayne, Pa.

CHAPMAN, RUTH EMILY (Mrs. Owen Meredith Geer)
 20 Franklin Place, Arlington, N. J.
Non-resident Scholar in Social Economy and Social Research, 1920-21.
One year certificate, 1921.

Academic Training: A.B., University of Denver, 1919, and M.A., 1921.

Position, 1919-20: Office Manager, Goodwill Industries, Philadelphia.

Practicum: Bryn Mawr Community Center.

CHEYNEY, ALICE SQUIRES 259 South 44th Street, Philadelphia.
Graduate Student in Social Economy and Social Research, 1915-16,
1917-18. Two year certificate, 1918.

Academic Training: A.B., Vassar College, 1909; Philadelphia Training Course for Social Workers, 1909-10; Graduate Student, University of Pennsylvania, 1910-11, 1918-22, and Ph.D., 1923; University of Wisconsin, 1916-17; Consulting Fellow, Robert Brookings Graduate School, 1925-26.

Positions, 1909-14: Agent, Children's Bureau, Philadelphia, 1909-11; Assistant to the Director, Bureau for the Registration and Exchange of Confidential Information, Philadelphia, 1911; Investigator, Massachusetts Commission on Minimum Wage Boards, Boston, 1911; Investigator, New York State Factory Investigation Commission, 1913-14.

Positions, 1917-25: Agent, Federal Children's Bureau, 1917; Secretary, Sub-Committee, Pennsylvania State Commission on Public Safety, 1917-18; Instructor in Industrial Problems, Pennsylvania School of Social and Health Work, Philadelphia, 1919-25; Tutor, Summer School for Women Workers, Bryn Mawr College, summer, 1924; Secretary, World Court Speakers' Bureau, Philadelphia, 1925; Acting Executive Secretary, Women's International League for Peace and Freedom, 1925; Representing the American Committee for the Geneva Institute, at the International Labour office, 1927—; Lecturer in Social Economy, Bryn Mawr College, 1927-28; Research Worker, Correspondents' Office, International Labour Organization, Washington, 1928—.

CHUTE, MRS. G. ROGER (see Miles, Winifred Charlotte).

COFFIN, MAXINE Y. W. C. A., Utica, N. Y.
Bryn Mawr Scholar, 1927-28. One year certificate, 1928.

Academic Training: A.B., Penn College, 1927.

Positions: Secretary to Dr. E. H. Stranahan, Penn College, 1923-27.

Practicum: Jordan Marsh Company, Boston; Collins Manufacturing Company, Philadelphia; Curtis Publishing Company, Philadelphia; Skenango Corporation, Utica, N. Y.

Position, 1928: Employment Manager, Skenango Rayon Corporation, Utica, N. Y., 1928—.

COHEN, EVA (see Ress, Eva).

COOK, HELEN ADELIA (Mrs. Charles Coffin Mitchell)
 Box 263, Millbrook, N. Y.
Scholar in Social Economy and Social Research, October, 1918-June,
1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1910; University of Washington, summer, 1915 and 1917.

Positions, 1912-18: Teacher, Mineville, N. Y., 1912; Spring Hill, Pa., 1913; Wenatchee, Wash., 1914-18; Worker in Mothers' Pension Bureau, Philadelphia, 1918.

Practicum: The Miller Lock Company, Philadelphia; The Notaseme Hosiery Company, Philadelphia; Edward G. Budd Manufacturing Company, Philadelphia.

Positions, 1919-22: Director of Training, A. M. Collins Company, Philadelphia, 1919-20; Teacher, Bennett School of Liberal and Applied Arts, Millbrook, N. Y., 1920-21; Teacher, Wyalusing Township High School, Camptown, Pa., 1921-22.

COOLBAUGH, MRS. KENNETH M. (see Paddock, Laura Bell).

COPENHAVER, ELEANOR

Y. W. C. A., 600 Lexington Avenue, New York City
Scholar in Social Economy and Social Research, 1918-19; Robert G. Valentine Scholar in Social Economy and Social Research, 1919-20.
Two year certificate, 1920.

Academic Training: A.B., Richmond College, 1917.

Position, 1917-18: Teacher, High School, Marion, Va.

Practicum: Bryn Mawr Community Center.

Positions, 1920—: Director, New York College Settlement Camp, Mt. Ivy, N. Y., Summer, 1920; County Secretary, South Atlantic Field Committee, Y. W. C. A., 1920-21; National Secretary, County Department, 1921-23; Industrial Secretary, National Board, 1923—.

CORSTVET, EMMA GRETCHEN 27 Commerce Street, New York City
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Wisconsin, 1918; Graduate Student, Universities of London, Paris and Berlin, 1921-25.

Positions, 1918: Munition Factory Investigations for Woman's Division, Ordnance Department, summer, 1918.

Practicum: The Miller Lock Company, Philadelphia; Women's Trade Union League, Boston, Mass.; Women's Trade Union League, Philadelphia.

Positions, 1919—: Assistant Educational Director, Edward Schuster and Company, Milwaukee, Wis., 1919-20, and Employment Manager, 1920-21; Research Worker, Rockefeller Foundation, New York City, 1925—.

COWARD, MRS. HALTON A. (see Jacobs, Mildred Clark).

DANIEL, FRIEDA OPAL 6858 Ridgeland Avenue, Chicago, Ill
Carola Woerishoffer Fellow in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., Drake University, 1916; Graduate Student, University of Chicago, 1916-18.

Positions, 1918-22: Resident and Supervisor of Evening Work, Chase Settlement House, Chicago, Ill., January-July, 1918; Field Investigator, Stock Yards Community Clearing House, Chicago, Ill., April-September, 1918; Special Agent, United States Bureau of Labor Statistics, Washington, D. C., 1918-19; Field Visitor, A. R. C., Chicago, 1919; Assistant Secretary, Dr. E. S. Ames, University of Chicago, 1919-21; Assistant Inspector, Bureau Internal Revenue, Labor Tax Division, Washington, D. C., 1921-22.

Positions, 1923—: Research Worker, Illinois Manufacturers' Association, 1924; Research Worker, United Charities of Chicago, 1924-25; Vocational Adviser, Vocational Guidance Bureau, Chicago, Ill., 1925—.

DARR, MARJORIE St. Mary's, Pa.
American Red Cross Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Smith College, 1916; Graduate Student, University of Chicago, 1923-24.

Positions, 1916-19: Teacher, High School, Defiance, Pa., 1916-17; High School, Woodbridge, N. J., 1917-18; Hut Worker, A. R. C., France, 1918-19.

Practicum: American Red Cross, Coatesville, Pa.

Positions, 1922—: Home Service Secretary, Trumbull County Chapter, A. R. C., Warren, Ohio, 1922, and Executive Secretary of Roll Call, 1922-23; Industrial Secretary, Y. W. C. A., Kalamazoo, Mich., 1923; Visiting Teacher, National Committee of Visiting Teachers, Bluefield, W. Va., 1925; Teacher, High School, St. Mary's, Pa., 1925-26; Case Worker, Society for Organizing Charity, New York City, 1926; Senior Case Worker, Main Line Federation of Churches, Bryn Mawr, Pa. 1926-28.

DAVIDSON, HELEN ROWENA (Mrs. Oscar Siverine Nelson)

232 Rutledge Avenue, Rutledge, Pa.
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Idaho, 1918; A.M., 1928, and Graduate Student, University of Pennsylvania, 1925—.

Positions, 1916-18: Teacher, High School, Reubens, Idaho, 1915-16; with the Wylie Permanent Camping Company, Yellowstone Park, summer, 1916; Saleswoman, summer, 1918.

Practicum: Sutro Hosiery Company, Philadelphia; Connecticut Mills, Danielson, Conn.; Krompton Knowles Loom Works, Worcester, Mass.

Positions, 1919-22: Research Worker, Philadelphia Associated Day Nurseries, Philadelphia, 1919; Assistant Educational Director, Atlantic Refining Company, Philadelphia, 1920-22.

DAVIES, JANE STODDER (Mrs. David Murray)..... Bedford, Mass.
Robert G. Valentine Scholar in Social Economy and Social Research, 1918-19; Carola Woerishoffer Scholar in Social Economy and Social Research, 1919-20. Two year certificate, 1920.

Academic Training: A.B., Jackson College of Tufts College, 1918

Practicum: Bryn Mawr Community Center.

Positions, 1920-25: Assistant Field Representative, New England Division, A. R. C., 1920-22; Employment Worker, Metropolitan Chapter, Boston, Mass., and Executive Secretary, Bureau of Non-Residents, 1922; Representative, Veterans' Bureau, 1923; Executive Secretary, Junior Red Cross, 1923-25.

DAVIS, MRS. ROBERT WILLIAM (see Hendricks, Marjory Everest).

DE BOBULA, IDA

Royal Hungarian Ministry of Public Instruction, Budapest, Hungary
Graduate Student in Social Economy and Social Research, 1924-25.
One year certificate, 1925.

Academic Training: Ph.D., University of Budapest, 1923.

Position, 1923-24: President, Women's Division National Union of Hungarian Students.

Practicum: A. M. Collins Manufacturing Company, Philadelphia.

Positions, 1925-—: Research Worker, Foreign Bureau, Y. W. C. A., Cleveland, Ohio, 1925-26; Social Economist under Minister of Education, Budapest, 1926-—.

DINSMORE, MARY.....617 E Street, Marysville, Calif.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mills College, 1916.

Positions, 1916-18: Business experience, 1916-17; Community organization, 1917-18.

Practicum: The Scovill Manufacturing Company, Waterbury, Conn.; The American International Shipbuilding Corporation, Hog Island, Philadelphia.

Position, 1919-20: Research Assistant to Mr. Dudley Kennedy, Industrial Consultant, Philadelphia.

DONG, NYOK ZOE (Mrs. Tingfu Tsiang)

Nankai University, Tientsin, China
Carola Woerishoffer Scholar in Social Economy and Social Research, 1920-22. Two year certificate, 1922.

Academic Training: A.B., Smith College, 1920; Graduate Student, Columbia University, 1922-23.

Practicum: Bryn Mawr Community Center.

Position, 1923-—: Teacher, Nankai Middle School, Tientsin.

DULLES, ELEANOR LANSING.....Yarrow West, Bryn Mawr, Pa.
Intercollegiate Community Service Association Fellow, 1919-20. Master of Arts, 1920.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1920; Graduate Student, London School of Economics, 1921-22, Harvard University, 1922; Research Worker, London, 1922; Student, Faculté de Droit, University of Paris, 1925-26; Ph.D., Radcliffe College, 1926.

Positions, 1917-19: Relief Worker, Shurtleff Memorial Relief, Paris, France, 1917-18; Reconstruction Worker, American Friends Service Committee, France, 1918-19.

Practicum: Atlantic Refining Co., Philadelphia; The Scott Company, Philadelphia; American Tube and Stamping Company, Bridgeport, Conn.

Positions, 1920-—: Employment Manager, S. Gemby, Long Island City, N. Y., 1920-21; Instructor in Economics, Simmons College, 1924-25; Research Assistant, Bureau of International Research of Harvard University and Radcliffe College, Paris, 1926-27; Instructor in Economics, Simmons College, 1927-28; Associate in Social Economy, Bryn Mawr College, 1928-—.

DUNLAP, MRS. D. PORTER (see Nisson, Estelle).

DURFEE, MARY ELIZABETH

Y. W. C. A., 600 Lexington Avenue, New York City
Grace H. Dodge Fellow in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: Ph.B., University of Vermont, 1906; University of Nanking, 1917-22; Union Theological Seminary, Columbia University, New York School of Social Work, 1922-23; Graduate, National Training School, Y. W. C. A., 1923.
Positions, 1904-22: Assistant to Cataloguer, Public Library, 1904-05; Teacher in High School, Vermont and New York, 1906-09; General Secretary, Y. W. C. A., 1909-17; Worker, Y. W. C. A., Nanking, China, 1917-22.
Position, 1924—: Worker, Y. W. C. A. Secretarial Training Department, Yenching University, Peking, China, 1924-27; Director of General and Religious Education, Y. W. C. A., Minneapolis, Minn., 1927—.

DURGIN, MARGARET ETHEL.....13 Summit Avenue, Concord, N. H.
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., Mount Holyoke College, 1913; Student, Cornell University, summer, 1916.
Positions, 1913-19: Teacher, High School, Waterbury, Vt., 1913-14; High School, Concord, N. H., 1914-19.
Practicum: Fayette R. Plumb Company, Philadelphia; Westinghouse Lamp Company, Bloomfield, N. J.
Positions, 1920—: Employee, U. S. Rubber Co., New Haven, Conn., 1920-21; Teacher of English, High School, Concord, N. H., 1921-23; Supervisor of Instruction, Boston Rubber Shoe Company, Malden, Mass., 1923-26, Assistant Manager of Industrial Relations, 1926—.

ELLIOTT, MABEL AGNES.....508 North First Street, Marshalltown, Ia.
Carola Woerishoffer Fellow in Social Economy and Social Research, 1924-26. One year certificate, 1925.

Academic Training: A.B., Northwestern University, 1922, and M.A., 1923; Holder of Wieboldt Fellowship, Northwestern University, second semester, 1923-24.
Position, 1923: Teacher, High School, Marshalltown, Iowa
Position, 1926—: Instructor, Department of Sociology, University of Minnesota, 1926-27; Director, Department of Economics and Sociology, Stephens College, Columbia, Mo., 1927—.

EVANS, ELIZABETH... Family Society, 311 So. Juniper Street, Philadelphia
Carola Woerishoffer Scholar in Social Economy and Social Research, 1926-27. One year certificate, 1927.

Academic Training: A.B., University of Chattanooga, 1926.
Practicum: Family Society, Philadelphia; University Settlement.
Position, 1927—: Case Worker, Family Society, Philadelphia.

EWART, ELIZABETH.....35 Larch Street, Pawtucket, R. I.
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: Ph.B., Brown University, 1923, and A.M., 1925.
Practicum: Women's Trade Union League, New York City.

FAIRCHILD, MILDRED.....181 Forest Street, Oberlin, Ohio
Carola Woerishoffer Fellow in Social Economy and Social Research, 1925-27. Two year certificate, 1927. Graduate Student in Social Economy and Social Research, 1927-28; Gamma Phi Beta European Fellow, 1928-29.

Academic Training: A.B., Oberlin College, 1916, and M.A., 1925.
Positions, 1916-25: Member of Staff, Fisk University, 1916-18; Field Representative, Playground and Recreation Association of America, 1918-22; Field Organizer, Oberlin College, 1923-25.
Position, 1927-28: Research Assistant, Carola Woerishoffer Graduate Department.

FARMER, MRS. JOHN CLIFFORD (see White, Jeanette Olivia).

FAST, LISETTE EMERY.....280 Broadway, New York City
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., Stanford University, 1919. University of Wisconsin, 1920-21; University of Washington, 1921-22.
Positions, 1917-19: Deputy Probation Officer, Juvenile Court, Denver, Colo., two months, 1917; Assistant, Girls' Club, Neighborhood House, Denver, Colo.
Practicum: Suto Hosiery Company, Philadelphia; Midvale Steel and Ordnance Company; International Silver Company, Bridgeport, Conn.

Positions, 1922—: Research Assistant, Food Research Institute, Stanford University, 1922-23; Secretary to Director of Citizenship Office, 1923-27; Secretary to the Editor, *World Topics*, New York City, 1927-28; Secretary, Social Science Research Council, New York City, 1928; Secretary, Stanford University, 1928—.

FEDER, LEAH HANNAH

Department of Social Work, Washington University, St. Louis, Mo.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1917-18; Carola Woerishoffer Fellow, 1918-19. Two year certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1917.

Positions, 1917-18: Case Worker Substitute, C. O. S., New York City, summers 1917, 1918.

Practicum: White-Williams Foundation, Philadelphia.

Positions, 1919—: Supervisor of Investigation, Children's Aid Society of Pennsylvania, Philadelphia, 1919-22; District Secretary, Chelsea-Lowell District, C. O. S., New York City, 1922-28; Member of Staff, Case Work Department, New York School of Social Work, 1923-28; Lecturer on Case Work, National Training School for Institution Executives, Children's Village, Dobbs Ferry, N. Y., 1926-27; Lecturer, Extension Course on Case Work, New York School of Social Work, 1927; Assistant Professor of Social Work, Washington University, 1928—.

FELTS, JOSEPHINE NOYES 520 W. 122d St., Apt. A., New York City
Robert G. Valentine Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: A.B., Reed College, 1921. Alliance Francaise, Paris, 1926-27; Diploma, 1927.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1922: Visitor, Children's Bureau, Philadelphia; Publicity Worker, New York City, 1927.

FERNALD, ABBA Winterport, Maine
Susan B. Anthony Scholar in Social Economy and Politics, 1927-28. One year certificate, 1928.

Academic Training: A.B., University of Maine, 1927.

Positions, 1927: Teacher of History and English, High School, Orono, Maine.

Practicum: Pennsylvania State Department of Labor.

Positions, 1928—: Investment Analyst, Fidelity Trust Co., Philadelphia.

FINLEY, GAIL 1633 East 4th Street, Santa Ana, Calif.
Graduate Student in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: B.S., Monmouth College, 1918.

Positions, 1919-22: Assistant Secretary, Santa Ana Walnut Growers' Association, Santa Ana, Calif., 1919-20; Clerk, Gift Suggestions Bureau, Marshall Field Company, Chicago, Ill., 1920-21; Teacher, High School, Oaklawn, Ill., 1921; Teacher, High School, Santa Ana, Calif., 1921-22.

Practicum: Atlantic Refining Company, Philadelphia; Thos. E. Brown & Sons; Wm. Filene's Sons Company, Boston, Mass.

Positions, 1924-26: Office Manager, Financial Campaign, Y. M. C. A., Santa Ana and Portland, Ore.; Valley Hospital Community Chest, Santa Ana, 1924; Acting Registrar, High School, 1925-26.

FOGARTY, MRS. THOMAS S. (see Owens, Jeanette Carolyn).

FRANKFURTER, ESTELLE Women's Bureau, Washington, D. C.
Scholar in Social Economy and Social Research, February-October, 1919. Special War Emergency Certificate, 1919.

Academic Training: Hunter College, 1913-15; A.B., Radcliffe College, 1918; London School of Economics, 1919-20; M.A., Harvard University, 1922.

Positions, 1918: Operator, Holtzer-Cabot Company, three months; Junior Examiner, United States Employment Service, Boston, six weeks.

Practicum: The Atlantic Refining Company, Philadelphia.

Positions, 1920—: Boston Trade Union College, Boston, 1920-21; Tutor, Summer School for Women Workers, Bryn Mawr College, 1921; Investigator, Massachusetts Minimum Wage Commission, Boston, 1922-24; Research Assistant, Women's Bureau, United States Department of Labor, Washington, D. C., 1924—.

FRANKLIN, JR., MRS. BENJAMIN (see Kenyon, Adrienne).

FROST, WINIFRED LILIAN. Sweet Briar College, Sweet Briar, Va.
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1925-26. *One year certificate, 1926.*

Academic Training: Junior College, 1921-22; A.B., Carleton College, 1925; Robert
 Brookings Graduate School, 1926-28.

Practicum: R. H. Macy & Company, New York City; Henry Disston Company, Philadel-
 phia; Dennison Manufacturing Company, Framingham, Mass.

Positions, 1928—: Instructor, Sweet Briar College.

FULK, LUCILLE. A. R. C., Lansing, Mich.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21.
One year certificate, 1921.

Academic Training: A.B., University of Nebraska, 1919.

Position, 1919-20: Teacher, High School, Norfolk, Nebr.

Practicum: Notaseme Hosiery Company, Philadelphia.

Positions, 1921—: Industrial Secretary, Y. W. C. A., Lincoln, Nebr., 1921-23; Loan
 Secretary, A. R. C., Central Office, Chicago, Ill., 1923-25; Executive Secretary, A. R. C.,
 Lansing, Mich., 1925—.

FULLER, HELEN GENEVIEVE. 65 Morton Street, New York City
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1915-17. *Two year certificate, 1917.*

Academic Training: A.B., Mount Holyoke College, 1915.

Practicum: Society for Organizing Charity, Philadelphia; Massachusetts Minimum Wage
 Commission, Boston.

Positions, 1917—: Special Investigator, Consumers' League, Rhode Island, November-
 December, 1917; Assistant Secretary, Massachusetts Minimum Wage Commission,
 1917-19, and Special Agent, 1919-20; Investigator, United States Bureau of Labor
 Statistics, February-July, 1919; Field Agent, Child Labor Committee, New York,
 1920-21; Assistant Director, United Employment Service, Mineola, N. Y., 1921-22;
 Vocational Counsellor, Vocational Service for Juniors, New York City, 1922-25; Statis-
 tician, Bureau of Vocational Information, 1925-26; Educational and Vocational Coun-
 seler, A. I. C. P., New York City, 1926—.

GALSTER, AUGUSTA EMILE. . State Department of Welfare, Harrisburg, Pa.
Grace H. Dodge Fellow in Social Economy and Social Research, 1921-22.
One year certificate, 1922.

Academic Training: A.B., University of Illinois, 1918 and M.A., 1920; Ph.D., 1922.
 Special French Government Scholar, University of Toulouse, 1922-23.

Positions, 1918-21: Research Assistant to President David Kinley, University of Illinois,
 1918-20; Instructor in Economics, University of Illinois, 1920-21.

Practicum: Curtis Publishing Company, Philadelphia.

Positions, 1922—: Assistant, Employees' Benefit Department, American Telephone and
 Telegraph Company, New York City, 1923-24; Field Representative, State Department
 of Welfare, Harrisburg, Pa., 1924—.

GANTENBEIN, MARY ELLEN (Mrs. Charles Edward Neil)
 38 West 57th St., New York City
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1923-24. *One year certificate, 1924.*

Academic Training: University of Oregon, 1919-20; A.B., Reed College, 1923.

Practicum: Society for Organizing Charity, Philadelphia; "The Lighthouse," Philadelphia.

Positions, 1924—: Aide in Clinics, Presbyterian Hospital, New York City, May-October,
 1924; Field Agent, National Child Labor Committee, Portland, Ore., 1924-25; Medical
 Social Worker, A. R. C., 1925-26.

GARDINER, MRS. JOHN F. (see Willard, Mildred McCreary).

GAYFORD, MURIEL JANET. . . . 1006 Third Avenue, Salt Lake City, Utah
Carola Woerishoffer Scholar in Social Economy and Social Research,
 1924-25. *One year certificate, 1925.*

Academic Training: University of Utah, 1920-21; A.B., University of Kansas, 1924; Lon-
 don School of Economics, 1928—.

Practicum: Thos. E. Brown & Sons, Philadelphia.

Positions, 1925—: Stenographer, Swaner, Chamberlain & Co., Salt Lake City, Utah,
 1925-26; Vocational Secretary, Y. W. C. A., Long Beach, Calif., 1926-28.

GEER, MRS. OWEN MEREDITH (see Chapman, Ruth Emily).

GIFFORD, HELEN WING.84 26th Street, Jackson Heights, L. I., N. Y.
Grace H. Dodge Scholar in Social Economy and Social Research, 1922-23.
One year certificate, 1923.

Academic Training: A.B., Vassar College, 1915; B.S., Simmons College, 1917.
Position, 1917-22: Industrial Secretary, Y. W. C. A., New Bedford, Mass.
Practicum: Thos. E. Brown & Sons, Philadelphia; John Wanamaker, Philadelphia.
Position, 1923—: Metropolitan Industrial Secretary, Y. W. C. A., New York City, 1923-28; Industrial Secretary, National Board Y. W. C. A., 1929—.

GLADWIN, MRS. BENJAMIN A. (see Smilovitz, Rachel Lilian).

GOODHUE, MARY BROOKS (Mrs. Richard Lucius Cary)
 Woodbrook, Baltimore, Md.
Grace H. Dodge Fellow in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1915; M.A., University of Pennsylvania, 1918 and Graduate Student, 1921-22.
Positions, 1915-20: Teacher, High School, Lunenburg, Mass., 1915-17; Industrial Secretary, Y. W. C. A., Baltimore, 1918-20.
Practicum: John Disston Sons, Philadelphia.

GORDON, MILDRED.700 Prospect Street, Cleveland, Ohio
Grace H. Dodge Fellow in Social Economy and Social Research, 1927-28;
One year certificate, 1928.

Academic Training: B.S., Simmons College, 1919; M.S., Graduate School of Applied Social Science, Western Reserve University, 1923.
Positions, 1921-27: Associated Charities, Cleveland, Ohio, 1921-27; Extension work, Hindman School, Hindman, Ky.; Instructor in Sociology, Schauffeler School, Cleveland, 1925-27.

GROVE, MRS. ELSA BUTLER (see Butler, Elsa May).

GUYOT, JOSEPHINE (Mrs. Charles J. Bacon)
 715 Delaware Avenue, Buffalo, N. Y.
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: Student, Syracuse University, 1912-14; A.B., Radcliffe College, 1918.
Position, 1918-19: Tutor, Lancaster, Mass.
Practicum: The Barrett Manufacturing Company, Philadelphia; The Edward G. Budd Manufacturing Company, Philadelphia; The United States Rubber Company, New Haven, Conn.
Positions, 1920—: Supervisor of Centralized Instruction, Lycoming Rubber Company, Williamsport, Pa., 1920; Supervisor of Production, DuPont Fiber Silk Company, Buffalo, N. Y., 1921-24, and Supervisor of Industrial Relations, 1924-28; Supervisor, Industrial Relations, Du Pont Rayon Company, 1928—.

HALL, BESSIE LOUISE.1528 Mineral Spring Road, Reading, Pa.
Carola Woerishoffer Fellow in Social Economy and Social Research, 1922-24. Two year certificate, 1924.

Academic Training: A.B., Dalhousie University, 1916; M.A., University of Toronto, 1921.
Practicum: White-Williams Foundation, Philadelphia.
Positions, 1916: Teacher in High Schools, Nova Scotia, 1916-18; Volunteer Aid Division Nurse, 1918-19; Teacher, Alberta, Canada, 1919-20.
Positions, 1926—: Relief Worker, A. R. C., Miami, Fla., 1926; Case Worker, Mothers' Assistance Fund, Reading, Pa., 1927—.

HAMMER, MRS. PHILIP (see Stadler, Evelyn).

HARMAN, MINNIE ETTA.Tazewell, Va.
American Red Cross Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Lynchburg College, 1914.
Positions, 1914-19: Assistant Principal, High School, Graham, Va., 1914-15; Teacher, High School, Earlysville, Va., 1915-17; Norfolk, West Va., 1917-18; Assistant in Foreign Bureau, Bureau of Communication, A. R. C., Washington, D. C., 1918-19.
Practicum: A. R. C., Phoenixville, Pa.
Positions, 1921—: Executive Secretary, Durham Chapter, A. R. C., 1921-23; Case Supervisor, University of North Carolina, 1923; Executive Secretary, N. C. Conference for Social Service, Chapel Hill, N. C., 1924; Field Worker, A. R. C., Eastern Kentucky,

1924; Northern Georgia, 1925; Acting Executive Secretary, Savannah, Ga., 1925—; Special Representative, 1928—.

HARPER, MRS. ERNEST (see Chalkley, Lyssa Desha).

HARRIS, HELEN MARIE

Kingsley House, 220 Larimer Avenue, Pittsburgh, Pa.
Intercollegiate Community Service Association Fellow, 1917-18. Master of Arts, 1918.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1918; University of Pennsylvania, summer, 1917.

Position, 1915: Secretarial work, Drexel Institute, Philadelphia, summer.

Practicum: College Settlement, Philadelphia.

Positions, 1918—: Financial Secretary, College Settlement, Philadelphia, 1918-22; Instructor in Dramatics, University Settlement, 1922-23; with Stuart Walker's Company, Indianapolis, Ind., 1923; Headworker, Kingsley House Social Settlement, Pittsburgh, Pa., 1923—.

HATHEWAY, GRACE.....16 Ward Street, St. John, N. B., Canada
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., Oberlin College, 1911.

Positions, 1911-19: Officer and Teacher, State Reformatory for Girls, Lancaster, Mass.; Private Secretary, Rollins College; Manuscript Reader, The Century Company, New York City; Editorial Assistant, The "Vogue" Magazine, New York City; Manager, Personal Correspondence Department, The Encyclopedia Britannica Corporation, New York City; The National Child Labor Conference, New York City.

Practicum: The American Pulley Company, Philadelphia; The Scott Company, Philadelphia.

Positions, 1920—: Research Secretary, The American Friends Service Committee, Philadelphia, 1920-21; Assistant Supervisor, Tubize Plant, Hopewell, Va., 1921-22; Assistant in Personnel Department, James McCreery & Co., New York City, 1922; Research Worker, Industrial Research Department, University of Pennsylvania, 1923—.

HAUPT, ISTAR ALIDA..Rugby Apts., University Parkway, Baltimore, Md.
Fellow in Psychology, 1920-21. One year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1918; Graduate Student, Johns Hopkins University, 1918-20, 1921-22; Ph.D., 1922; University of Jena, 1922-23

Position, 1918-20: Assistant Demonstrator in Applied Psychology, Bryn Mawr College.

Practicum: Juvenile Court, Philadelphia.

Positions, 1923—: Employment Department, Consolidated Gas and Electric Co., Baltimore, 1923-25; Educational Director, Stewart and Company, Baltimore, 1925-26; Research Associate, Bureau of Public Personnel Administration, Washington, D. C., 1927—.

HAYS, ELIZABETH

La Salle Building, Suite 903-4, 509 Olive Street, St. Louis, Mo.
Carola Woerishoffer Scholar in Social Economy and Social Research, June, 1918-June, 1919. One year certificate, 1919.

Academic Training: A.B., Smith College, 1909; Student in music, 1910-13; Washington University, 1911-12; Harvard University, summer, 1915; Northwestern University, summer, 1916.

Positions, 1914-18: In charge of book room, Mary Institute, St. Louis, 1914, and Teacher, 1914-18.

Practicum: Winchester Repeating Arms Company, New Haven, Conn.; The United States Cartridge Company, Lowell, Mass.; The American Pulley Company, Philadelphia.

Positions, 1919—: Director, Placement Bureau for the Handicapped, A. R. C., St. Louis, 1919-20; Employment Manager, S. S. Kresge Company, St. Louis, 1920-21; Treasurer, Little and Hays Investment Company, St. Louis, 1922—.

HEIPP, ELSIE.....Y. W. C. A., 60 South Third Street, Columbus, Ohio
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: Milwaukee Normal School, 1915-17; A.B., Ripon College, 1921.

Positions, 1917-22: Educational and Recreational Director, Preventorium, Milwaukee, Wis., 1917-20; Industrial Secretary, Y. W. C. A., Marion and Indianapolis, Ind., 1921-22.

Practicum: Thos. E. Brown & Sons, Philadelphia; Dennison Manufacturing Co., Framingham, Mass.

Positions, 1924—: Industrial Secretary, Y. W. C. A., Canton, Ohio, 1924-26; Industrial Secretary, Y. W. C. A., Columbus, Ohio, 1926—.

HENDRICKS, MARJORY EVEREST (Mrs. Marjory Hendricks Davis)

228 Flint Street, Reno, Nev.

Robert G. Valentine Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., University of Wisconsin, 1918; New York School of Social Work, summer, 1919; Graduate Student, University of Wisconsin, summer, 1922.

Positions, 1918-22: Editorial Clerk and Acting Chief of Publication Section, United States Bureau of Standards, Washington, D. C., 1918-19; Case Correspondent, Head of Information Service, Insular and Foreign Division, A. R. C., Washington, D. C., 1919-20; Case Worker, Associated Charities, Washington, D. C., 1921-22.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; R. H. Macy & Co., New York City; Dennison Manufacturing Company, Framingham, Mass.

Positions, 1923-: Assistant in Service Department, Aberfoyle Manufacturing Company, Chester, Pa., 1923; Statistical Clerk, National Research Council, Washington, D. C., 1924-25; Junior Economic Analyst, Women's Bureau, U. S. Department of Labor, 1925; Principal Editorial Clerk, State Department, Washington, D. C., 1927-28; Independent Business, 1928-.

HERRING, HARRIET LAURA

Institute for Research in Social Science, University of North Carolina,
Chapel Hill, N. C.

Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Meredith College, 1913; University of California, summer, 1915; University of North Carolina, summer, 1916; A.M., Radcliffe College, 1918.

Positions, 1914-17: Teacher of History and Government, High School, Scotland Neck, N. C., 1914-15; Teacher of History and English, Chowan Institute, Murfreesboro, N. C., 1915-17.

Practicum: The Winchester Repeating Arms Company, New Haven, Conn.; The United States Cartridge Company, Lowell, Mass.; The United States Employment Service, Philadelphia.

Positions, 1919-: Employment Manager, Roxford Knitting Mill, Philadelphia, 1919; Community Worker, Pomona Mills, Greenboro, N. C., 1920-22; Personnel Worker, Carolina Cotton and Woolen Mills Company, Spray, N. C., 1922-25; Research Worker in Industrial Relations, Institute for Research in Social Science, University of North Carolina, 1925-.

HIBBARD, HELEN RUTH

457 Orchard Avenue, Bellevue Station, Pittsburgh, Pa.

Carola Woerishoffer Scholar in Social Economy and Social Research, 1916-18. Two year certificate, 1918.

Academic Training: A.B., Wellesley College, 1894, and Graduate Student, 1915-16.

Positions, 1894-1901: Teacher, Miss Williams' School, Worcester, Mass., 1894-95; Monson Academy, Mass., 1895-99; Hillside School, Norwalk, Conn., 1900-01.

Practicum: Social Service Department, Pennsylvania Hospital, Philadelphia; Bryn Mawr Community Center.

Positions, 1917-: Assistant, Bryn Mawr Community Center, 1917-18; Field Worker and District Supervisor, A. R. C., Boston, 1918-19; Supervisor of Training Classes, A. R. C., Pittsburgh, 1919-20; Visitor, Children's Service Bureau, Pittsburgh, 1920-21; Supervisor, Children's Service Bureau, Pittsburgh, 1921-.

HIBBARD, RUTH (Mrs. Alfred Sherwood Romer)

6015 Kimbark Avenue, Chicago, Ill.

Grace H. Dodge Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., University of Missouri, 1922.

Practicum: Notaseme Hosiery Company, Philadelphia; A. M. Collins Manufacturing Company, Philadelphia; Lord & Taylor, New York City.

Position, 1923-24: Junior Statistician, General Advisory Board, Illinois Department of Labor, Chicago, Ill.

HIGGINSON, MRS. WILLIAM JOHN (see Hinds, Ethel).

HILL, CATHERINE UTLEY (Mrs. George Edwin Hill)

37 Madison Avenue, New York City

Graduate Student in Social Economy and Social Research, 1917-18. Master of Arts, 1918.

Academic Training: A.B., Bryn Mawr College, 1907, and M.A., 1918.

Positions, 1899-1910: Teacher of Biblical Literature, and Industrial Secretary, Y. W. C. A., Brooklyn, N. Y., 1899-1901; 1905-10; Head of the East New York Settlement House, summer, 1906.

Positions, 1918—: Y. M. C. A. Worker in France, 1918-19; Metropolitan Secretary, Y. W. C. A., Brooklyn, N. Y., 1920-22; Field Secretary, New York Herald-Tribune Fresh Air Fund, New York State, 1925; Special Representative, National Plant, Flower and Fruit Guild, 1926—.

HINDS, ETHEL (Mrs. William John Higginson)

Katahdin Iron Works, Maine

Grace H. Dodge Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., Swarthmore College, 1922.

Practicum: Children's Bureau, Philadelphia.

Position, 1923-25: Teacher, Friends' Academy, Locust Valley, L. I.; Saleswoman, Jordan Marsh Company, Boston, Mass., 1926-27; Teacher, Milton Academy, Milton, Mass., 1927-28.

HUGHES, GWENDOLYN SALISBURY (Mrs. Leslie Berry)

A. I. C. P., 105 East 22d Street, New York City

Susan B. Anthony Scholar in Social Economy and Politics, 1918-19; Carola Woerishoffer Fellow in Social Economy and Social Research, 1919-20. Doctor of Philosophy, 1920. Two year certificate, 1920.

Academic Training: A.B., University of Nebraska, 1916, and M.A., 1917; Ph. D., Bryn Mawr College, 1920.

Position, 1917-18: Assistant, Child Welfare Department, Public Schools, Lincoln, Nebr.

Positions, 1920—: Research Assistant, Carola Woerishoffer Graduate Department, Bryn Mawr College, 1920-21; Instructor in Sociology, Elmira College, 1921-22; Director, Child Health Study, Public Health Committee, The New York Academy of Medicine, New York City, 1922-24; Chief Statistician, Institute of Social and Religious Research, New York City, 1924-26; Project Director, 1926-27; Analyst, Boy's Work Study, Welfare Council of New York City, 1928; Director, Bureau of Statistics and Registration, A. I. C. P., N. Y. C., 1928—.

HUNT, ELIZABETH PINNEY (Mrs. Andrew Dickson Hunt)

Walnut Lane, Haverford, Pa.

Graduate Student in Social Economy and Social Research, 1919-20. Master of Arts, 1920. Graduate Student in Social Economy, Economics and Politics, 1921-24.

Academic Training: A.B., Bryn Mawr College, 1912, and M.A., 1920; American-Scandinavian Foundation Fellow, University of Stockholm, 1920-21.

HUNTINGTON, EMILY HARRIET 1685 Scenic Ave., Berkeley, Calif.
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of California, 1917; Graduate Student, London School of Economics, 1921-22; M.A., Radcliffe College, 1923; Graduate Student, Radcliffe College, 1924; Ph.D., Radcliffe College, 1928.

Positions, 1917-19: Assistant Director, Pacific Division, Bureau of Junior Red Cross; Child Welfare Division, Council of National Defense, Washington, D. C.; Supervisor, United States Bureau of Labor Statistics.

Practicum: Midvale Steel and Ordnance Company, Philadelphia; Leeds and Northrup Company, Philadelphia; Proctor and Gamble, Port Ivory, Staten Island, N. Y.

Positions, 1920—: Supervisor, Proctor and Gamble, New York City, 1920-21; Instructor in Economics, Simmons College, 1925-27; University of California, 1927—.

HYMAN, ANNA 7902 Freret Street, New Orleans, La.

Carola Woerishoffer Fellow in Social Economy and Social Research, 1927-28. One year certificate, 1928.

Academic Training: A.B., Newcomb College, Tulane University, 1926, and M.A., 1927.

Practicum: The Family Society, Philadelphia; Bamberger's, Newark, New Jersey.

INABNIT, MARGARET 1515 West 3rd Street, Bend, Ore.

Grace H. Dodge Scholar in Social Economy and Social Research, 1927-28. One year certificate, 1928.

Academic Training: A.B., University of Oregon, 1925; One-year certificate, Portland School of Social Work, 1927.

Positions: Secretary, Bend Chapter, A. R. C., 1927.

Practicum: Atlantic Refining Company, Philadelphia; Wm. Filene's Sons, Boston; Summer camps of the Industrial Clubs, Y. W. C. A.

JACOBS, MILDRED CLARK (Mrs. Halton A. Coward) Wynnewood, Pa.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1916 and 1916-17. Master of Arts, 1917.

Academic Training: A.B., Bryn Mawr College, 1916, and M.A., 1917; Graduate Student in Applied Psychology, 1917-18.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1917—: Assistant Demonstrator in Applied Psychology, Bryn Mawr College, 1917-18; Assistant Manager, Bureau of Occupations for Trained Women, Philadelphia, 1918-23.

JOHNSON, BARBARA LEE 5 Weehawken Street, New York City
Smith College Intercollegiate Community Service Association Fellow,
1919-20. One year certificate, 1920.

Academic Training: A.B., Smith College, 1919.

Practicum: College Settlement, Philadelphia.

Positions, 1920—: Teacher, Miss Evans' School of Individual Instruction, St. Louis, Mo., 1920-21, 1922-23, and Assistant in organization of Summer Camp, 1920-21; Assistant Professor in History and Economics, College of Agriculture and Mechanics, University of Porto Rico, Mayaguez, Porto Rico, 1921-22; Tutor, travelling in Europe, 1923-24; History Teacher, Camnock Academy, Los Angeles, 1925; Managing Editor, "Charm," 1927—.

KENYON, ADRIENNE (Mrs. Benjamin Franklin, Jr.)
6814 Lincoln Drive, Philadelphia
Bryn Mawr-College Settlements Association Joint Fellow, 1916-17.
Master of Arts, 1917.

Academic Training: A.B., Bryn Mawr College, 1915, and M.A., 1917; Special Student, Columbia University, October, 1915-January, 1916.

Practicum: College Settlement, Philadelphia.

Positions, 1917-20: Office Secretary, National Social Workers' Exchange, New York City, August-November, 1917; Assistant Employment Manager, American Lithographic Company, New York City, 1917-18; Assistant Manager, Bureau of Occupations for Trained Women, Philadelphia, 1919-20.

KRANZ, CAROLINE MATILDA
Southern Bell Telephone and Telegraph Company, Atlanta, Ga.
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., George Peabody College for Teachers, 1911; University of Georgia, summer, 1917.

Positions, 1913-18: Teacher, High School, Gallatin, Tenn., 1913-18; Assistant Registrar, George Peabody College for Teachers, summers, 1913 and 1914; Clerk, Office of the United States Federal Food Administrator, Nashville, Tenn., summer, 1918.

Practicum: The Scott Company, Philadelphia; The Barrett Manufacturing Company, Philadelphia.

Positions, 1919—: Supervisor of Instruction, Bell Telephone and Telegraph Company, Nashville, Tenn., 1919-22; Member of Force, Adjustment Bureau, Cumberland Telephone and Telegraph Company, 1922-26; Assistant to General Supervisor of Employment, Traffic Department, Southern Bell Telephone and Telegraph Company, Atlanta, Ga., 1927—.

KROH, MABEL MAY Moscow, Idaho
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Idaho, 1912; Graduate Student, 1917-18.

Positions, 1912-18: Teacher, rural schools, 1912-13 and 1914-15; grade schools, 1913-14 and 1916-17.

Practicum: Fayette R. Plumb Company, Philadelphia; Art-in-Buttons, Rochester, N. Y.

Positions, 1919—: Assistant in Labor Department, Hickey-Freeman Company, Rochester, N. Y., 1919-21; Assistant Labor Manager, Efstein, Chas. Douglas Company, Rochester, N. Y., 1921-22; Time Study Department, Hickey-Freeman Company, 1922—.

KUHN, ADA RUTH 701 North 26th Street, Lincoln, Nebr.
Carola Woerishoffer Fellow in Social Economy and Social Research,
1919-20. One year certificate, 1920.

Academic Training: A.B., University of Nebraska, 1915, and M.A., 1918.

Position, 1915-16: Teacher, High School, Stella, Nebr.

Practicum: A. R. C., Phoenixville, Pa.

Positions, 1920—: Teacher, High School, Lincoln, Nebr., 1920-23; Teacher, Technical High School, Omaha, Nebr., 1923—

KYDD, MARY WINNIFRED. 426 Sherbrooke Street, West, Montreal, Canada
Fellow in Social Economy and Social Research, 1924-25. One year certificate, 1925.

Academic Training: A.B., McGill University, 1923, and M.A., 1924; Fellow in Economics and Politics, Bryn Mawr College, 1925-26.

Position, 1926—: Assistant in Sociology, McGill University, 1926-27.

LAYMAN, DOROTHY REID. La Jolla, Calif.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1924-25. One year certificate, 1925.

Academic Training: A.B., Rockland College, 1924.

Practicum: Society for Organizing Charity, Philadelphia.

Position, 1925-26: Field Worker, El Retiro School for Delinquent Girls, San Fernando, Calif.

LETSCH, MARY HENRIETTA. 827 Glen Terrace, Chester, Pa.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1926-27. One year certificate, 1927.

Academic Training: A.B., Oberlin College, 1926.

Position, 1925: Worker in Department of Service and Employment, Aberfoyle Manufacturing Company, Chester, Pa., summer.

Practicum: Henry Disston Company, Philadelphia; Lord & Taylor, New York City; Aberfoyle Manufacturing Company, Chester, Pa.; A. M. Collins Co., Philadelphia.

Position, 1926—: Employee in Service Department, Aberfoyle Manufacturing Company, Chester, Pa., 1927-28; Employment Secretary Y. W. C. A., Philadelphia, June-Sept., 1928; Field Worker, Federal Children's Bureau, 1928—.

LIGHT, NAOMI. Beaver College, Jenkintown, Pa.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Kansas, 1914, and M.A., 1915.

Positions, 1910-18: Four summers' industrial experience, 1910-14; Teacher, High School, Kansas, 1915-18.

Practicum: Lewis Manufacturing Company, Walpole, Mass.; Social Service Department, University of Pennsylvania Hospital, Philadelphia; United States Employment Service, Philadelphia.

Positions, 1919—: Head of Financial Adjustment, Social Service Department, Episcopal Hospital, Philadelphia, 1919; Assistant Employment Manager and Assistant Superintendent, Notaseme Hosiery Company, Philadelphia, 1919-24; Director of Employment and Service Department, Greenbaum Brothers & Company, 1924; Head of English Department, Beaver College, 1924—; Teacher, William Penn Evening High School, and Jenkintown Business College, 1927—.

LONEGREN, IRMA CAROLINE (Mrs. Edward Zeitfuchs)
2928 Florence Street, Berkeley, Calif.
Special Scholar in Social Economy and Social Research, 1918-19. One year certificate, 1919.

Academic Training: A.B., Reed College, 1915; American Scandinavian Foundation Fellow, University of Upsala, 1919-20.

Position, 1915-18: Probation Officer and Statistician, Juvenile Court, Portland, Ore.

Practicum: Municipal Court, Philadelphia.

Positions, 1919—: Worker, Sleighton Farm, Darlington, Pa., 1919; Probation Officer, Court of Domestic Relations, Portland, Ore., 1920-22; Expert in Child Welfare, Children's Bureau, Department of Labor, Washington, D. C., 1922-23; Supervisor of Records, Sleighton Farm, 1923-25; Parole Officer, Inwood House, New York City, 1925-26; Director, Protective Association, Waterbury, Conn., 1926-26.

MACMASTER, AMY. 142 West 11th Street, New York City
Graduate Scholar in Philosophy, 1917-18. Intercollegiate Community Service Association Fellow, 1918-19. Two year certificate, 1919.

Academic Training: A.B., Bryn Mawr College, 1917, and M.A., 1918. Graduate, N. J. State Normal School. Gamma Phi Beta Social Service Fellow, Association of Collegiate Alumnae, and Student, London School of Economics, 1919-20; Student, University of Vienna, 1921; Columbia University, 1924.

Practicum: College Settlement, Philadelphia.

Positions, 1920—: Director of Publicity, English-American Friends Relief Mission, Vienna, Austria, 1920-21; Assistant Professor of Economics and Sociology, Smith College, 1921-23; Head of Bryn Mawr Preparatory Tutoring Camp, summers, 1917—; Editorial and Research Worker, American Labor Year Book, 1923; Director, Experiment and Research in Methodology for Workers' Education, I. C. S. A., New York City, 1924; Advertising Copywriter, Feakins' Lecture Bureau, New York City, 1925—.

MAHN, KATHRYN LUCILLE 51 Barrow, New York City
Grace H. Dodge Scholar in Social Economy and Social Research, 1924-25. One year certificate, 1925.

Academic Training: A.B., Oberlin College, 1923.

Position, 1923-24: Teacher, High School, New London, Ohio.

Practicum: N. Snellenburg & Company, Philadelphia; Atlantic Refinery Co., Philadelphia.

Positions, 1925—: Operator, American Telephone and Telegraph Company, New York City, 1925-26; Employment Supervisor, 1926-27; Investigator, Federal Children's Bureau, New York, 1927; Girls' Vocational Councillor, Vocational Service for Juniors, New York City, 1927—.

MANBAR, ROSA Hull House, Chicago, Ill.
Grace H. Dodge Fellow in Social Economy and Social Research, 1927-28. One year certificate, 1928.

Academic Training: Ph.D., University of Vienna, 1923; Teacher's Diploma, University of Krakow, 1925. Graduate Student, Columbia University and New York School of Social Work, 1926-27; University of Chicago, 1928-29.

Positions: Teacher of Physics and Mathematics, High School, Lwow, Poland, 1918-26. Worker with children.

Positions, 1923—: Research, Immigrant's Protective League, Chicago.

MARTIN, MRS. GEORGE (see McDowell, Dorothy Eleanor).

MARTIN, NAN MUIR 2 Ashland Avenue, Folcroft, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24. One year certificate, 1925.

Academic Training: Iowa State Teachers College, 1915-17; A.B., Michigan University, 1922-23.

Positions, 1917-23: Teacher, What Cheer, Ia., 1917-18; Clerk, Civil Service Commission, Washington, D. C., 1918-21; Policewoman, Metropolitan Force, Women's Bureau, Washington, D. C., 1921-22.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; R. H. Macy & Co., New York City; Whitman's Candy Factory, Philadelphia.

Positions, 1924—: Assistant Division Sales Manager, Globe Ticket Company, Philadelphia, 1924-26; Field Investigator, Bureau of Women and Children, Pennsylvania State Department of Labor and Industry, 1926-28; Placement Secretary, Bureau of Part Time Work, Inc., Philadelphia, 1928—.

MASON, FLORENCE REYNOLDS (Mrs. John David Plant)
 Box 1044, New Haven, Conn.
Scholar in Social Economy and Social Research, February-October, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Elmira College, 1918.

Positions, 1915-19: Addressograph Operator, American Sales Book Company, Elmira, N. Y., 1915-16; Nature Study Class, summer camp, Y. W. C. A., Altamont, N. Y., 1917-18; Case Worker, Elmira Federation for Social Service, 1918; Operator in manufacturing plant, two summers; Clerk in Telegraph Office, Pennsylvania Railroad, Elmira, N. Y., 1918-19.

Practicum: The A. M. Collins Company, Philadelphia; Acme Wire Company, New Haven, Conn.

Positions, 1919—: Research Assistant, Carola Woerishoffer Graduate Department, Bryn Mawr College, 1919-20; Research Worker, Written Standard Practice, United States Rubber Company, and Locoming Rubber Company, Williamsport, Pa., 1920-21; Manager, Fabric Shoe Office, 1921-22; Assistant Manager, John D. Plant Company, New Haven, Conn., 1922-23; Independent Business, 1923—.

MCCAUSLAND, CATHERINE (Mrs. George F. Spaulding)
 241 Harbor Street, Glencoe, Ill.
Scholar in Social Economy and Social Research, February-October, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1918; University of Chicago, 1914-15, and summer, 1918.

Position, 1918: Social Service (Civilian Relief), A. R. C., Boston.
Practicum: The Aberfoyle Manufacturing Company, Philadelphia; Walter Dill Scott Company.

Positions, 1919-23: Employment Manager, The Milton Bradley Company, Springfield, Mass, 1919-20; Assistant in Personnel Department, Wilson Bros., Chicago, Ill., 1920-21; Personnel and Research Worker, Northwestern University, 1922-23.

McCoy, Mrs. William C. (see Bell, Katharine Reynolds).

McDowell, Dorothy Eleanor (Mrs. George Martin)
 145 East 54th Street, New York City
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1918. Graduate Fellow and Reader of History, Mount Holyoke College, 1921-23.

Practicum: The Sûro Hosiery Company, Philadelphia; The Miller Lock Company, Philadelphia.

Positions, 1919-21: Research Worker, D. R. Kennedy, Industrial Consultant, Philadelphia, 1919-20; Teacher of History, Chicago Latin School for Girls, Chicago, Ill., 1920-21.

McKay, Evelyn Christiana.....144 East 22nd Street, New York City
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of British Columbia, 1919.

Positions, 1917-18: Student Assistant, Department of History, University of British Columbia, 1917-18; Desk Secretary, Y. W. C. A., Vancouver, B. C., 1918.

Practicum: A.M. Collins Manufacturing Company, Philadelphia; John Wanamaker, Philadelphia; L. Bamberger and Company, Newark, N. J.

Positions, 1920-: Saleswoman, L. Bamberger and Company, Newark, N. J., 1920; Junior Statistician, Public Service Commission, First District, New York City, 1920-21; Job Analyst, Planning Department, R. H. Macy & Co., New York City, 1921-22, 1923-24; Teaching Fellow in Economics, University of California, Berkeley, Calif., 1922-23; Investigator, Milbank Health Demonstrations, State Charities Aid, New York City, 1924-25; Statistician, Marion County Child Health Demonstration, Salem, Ore., 1925-26; Research Agent, American Foundation for the Blind, New York City, 1926-.

Meredith, Lois Angeline.....8 West 40th Street, New York City
Robert G. Valentine Scholar in Social Economy and Social Research, 1920-21; Carola Woerishoffer Scholar in Social Economy and Social Research, 1921-22. Two year certificate, 1922.

Academic Training: A.B., Grinnell College, 1919. Commonwealth Fund Fellow, New York School for Social Work, 1922-23.

Position, 1919-20: Teacher, High School, Nashua, N. H.

Practicum: Society for Organizing Charity, Philadelphia.

Positions, 1923-: Visiting Teacher, Bureau of Child Guidance, New York City, 1923; Visiting Teacher, Public Education Association, New York City, 1923-27; Instructor of Education, George Peabody College for Teachers, summer, 1927; Assistant, Publications Department, Public Education Association, New York City, 1927-.

Miles, Winifred Charlotte (Mrs. G. Roger Chute)
 1358 West 29th Street, Los Angeles, Calif.
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of California, 1919.

Positions, 1917-19: Resident Worker, Telegraph Hill Neighborhood House, San Francisco, 1917; Assistant Manager, Bothin Convalescent Home, Monor, Marin County, Calif., 1917; The Neville Bag Factory, Portland, Ore., 1918; Assistant Head Worker, People's Place Settlement, San Francisco, two months, 1918 and 1919; Venus Candy Factory, Oakland, Calif., 1919; Bonbon Dipper, Pacific Coast Candy Company, San Francisco, 1919; National Paper Products Company, San Francisco, 1919.

Practicum: The Whitman Candy Company, Philadelphia; Notaseme Hosiery Company, Philadelphia; R. H. Macy & Co., New York City.

Positions, 1920-26: Assistant Director of Education, Hale Brothers, Inc., San Francisco, 1920, and Director of Education, 1920-22; Clerk in Book Department, R. H. Macy & Co., New York City, 1922-23; Worker in Educational and Employment Department, White House, San Francisco, 1923-24, and in Book Department, 1924-25; Director of Activities, International Institute of San Francisco, 1925; Educational Director, Montgomery Ward & Company, Oakland, Calif., 1926-27; Substitute Teacher, Los Angeles City High Schools, 1928-.

MILLER, EDITH M. (Mrs. Joe Tufts). 608 North Broadway, Abilene, Kans.
Robert G. Valentine Scholar in Social Economy and Social Research,
 1923-24. One year certificate, 1924.

Academic Training: A.B., Baker University, 1923.

Position, 1922: Collegiate Industrial Research Worker, Y. W. C. A., Denver, Colo., summer.
Practicum: College Settlement, Philadelphia; Bryn Mawr Community Center; Haverford Community Center.

Positions, 1924—: Teacher of Sociology and General Science, High School, Sabetha, Kans., 1924-25; Student Secretary, Y. W. C. A., and Assistant to Dean of Women, Colorado Agricultural College, Fort Collins, Colo., 1925-26; Regional Finance Chairman, Y. W. C. A., 1926—.

MILLER, MRS. EDWARD W. (see Stelle, Katharine Beatrice).

MITCHELL, MRS. CHARLES COFFIN (see Cook, Helen Adelia).

MONROE, MARGARET MONTAGUE (Mrs. Frank Calton Smith)

510 Buchanan Boulevard, Durham, N. C.

Fellow in Psychology, 1918-20. One year certificate, 1920. Doctor of Philosophy, 1922.

Academic Training: Barnard College, Columbia University, 1911-13; A.B., Mount Holyoke College, 1915; Graduate Scholar in Psychology, Bryn Mawr College, 1916-17, Graduate Student, 1920-22, 1923, and Ph.D., 1922.

Practicum: Juvenile Court, Philadelphia.

Positions, 1920-24: Assistant Demonstrator, Applied Psychology, Bryn Mawr College, 1920-21; Research Assistant, Laboratory of Physiological Optics, Polyclinic Hospital of the Post Graduate Medical College, University of Pennsylvania, 1922-24.

MONTGOMERY, MRS. ROBERT (see Bunton, Georgiana).

MOREHOUSE, BERTHA... 2504 Derbyshire Road, Cleveland Heights, Ohio
Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: A.B., Ohio Wesleyan University, 1914; Ohio Northern University, summer, 1915.

Positions, 1912-19: Teacher, Government Schools, Porto Rico, 1912-13; Teacher, Union Township High School, Mt. Cory, Ohio, 1914-16, Brown Township High School, Kilbourne, Ohio, 1916-17, Franklin High School, Franklin, Ohio, 1917-19.

Practicum: The Midvale Steel Company, Philadelphia; The Acme Wire Company, New Haven, Conn.

Positions, 1919—: Apprentice, Joseph and Feiss, Cleveland, Ohio, 1919-21; Teacher, Public Schools, 1921-22; Vocational Guidance Counsellor, Audubon Junior High School, 1922-25; Teacher of English, Americanization Department, Cleveland Night Schools, 1923—. Vocational Counsellor, Central High School, 1925—.

MORRISON, ANNE HENDRY

Goodrich House, 1420 East 31st Street, Cleveland, Ohio

Community Center Scholar in Social Economy and Social Research,
 1920-21. *Intercollegiate Community Service Association Fellow,*
 1925-26. *Carola Woerishoffer Fellow in Social Economy and Social Research, 1926-27. Two year certificate, 1926.*

Academic Training: A.B., University of Missouri, 1914. Graduate Student, University of Chicago, summers, 1916, 1919; Graduate Student, Columbia University, 1922; Bryn Mawr College, Semester II, 1924-25.

Positions, 1905-20: Teacher, Public Schools, Kansas City, Mo., 1905-13 and 1914-15; Teacher, High School, Kansas City, Mo., 1915-20.

Practicum: Bryn Mawr Community Center; White-Williams Foundation; Children's Bureau, Philadelphia.

Positions, 1921-25: Tutor and Assistant Librarian, Bryn Mawr Summer School for Women Workers in Industry, Summer, 1921; Instructor in Economics and Sociology, Mt. Holyoke College, 1921-22; Social Director of Morris Hall, Columbia University, 1922; Psychologist, Sleighton Farm, Darlington, Pa., 1923-25; Psychologist, Women's Division, Pennsylvania Hospital for Nervous and Mental Diseases, Philadelphia, Summer, 1925; Travelling Teacher, National League of Girls' Clubs, New York City, 1927-28; Instructor in Psychology and Assistant Dean of Women, Western Reserve University, 1928—.

MOSS, MRS. CLIFTON LOWTHER (see Spence, Virginia Wendel).

MURRAY, MRS. DAVID (see Davies, Jane Stodder).

NASON, ARDIS.....1207 Logan Avenue, Tyrone, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21.
One year certificate, 1921.

Academic Training: A.B., Mount Holyoke College, 1920.

Position, 1920: Assistant, Statistical Department, United States Rubber Company, Williamsport, Pa., summer, 1920.

Practicum: John Wanamaker, Philadelphia.

Positions, 1921—: Assistant Instructor, Department of Economics, Massachusetts Institute of Technology, Cambridge, Mass., 1921-23; Instructor in Statistics and Economics, Katherine Gibbs' School for Executive Secretaries, Boston, 1922-23; Instructor in Economics, Erskine School, Boston, 1922-23; Tutor in Economics, Summer School for Women Workers, Bryn Mawr College, summer, 1924; Supervisor of Employment, Junior Employment Service, Philadelphia, 1924—; Teacher in Americanization, Board of Education, 1925—.

NEELY, ANNE ELIZABETH..1553 East Montgomery Avenue, Philadelphia
Graduate Student in Social Economy and Social Research, 1927-28.
One year certificate, 1928.

Academic Training: A.B., Cornell University, 1919 and M.A. University of Chicago and Graduate Student, 1928-29.

Positions, 1923-26: Assistant Dean of Women, Cornell University.

Practicum: White-Williams Foundation, Philadelphia.

NEELY, TWILA EMMA.....333 Beaver Street, Sewickley, Pa.
Grace H. Dodge Scholar in Social Economy and Social Research, 1925-26.
Scholar in Social Economy and Social Research, 1926-27. Two
year certificate, 1927.

Academic Training: A. B., Wooster College, 1925.

Practicum: R. H. Macy & Company, New York City; Atlantic Refining Company, Philadelphia; Dennison Manufacturing Company, Framingham, Mass.

Positions 1927—: Tutor in Economics, Bryn Mawr Summer School for Women Workers in Industry; Field Worker, Federal Children's Bureau, Pa., 1928—.

NEIL, MRS. CHARLES EDWARD (see Gantenbein, Mary Ellen).

NELSON, MRS. OSCAR SIVERINE (see Davidson, Helen Rowena).

NETERER, INEZ MAY.....Lake Erie College, Painesville, Ohio.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1916-17; Fellow in Education, 1918-19. Two year certificate, 1919.
Doctor of Philosophy, 1923.

Academic Training: B.S., Mills College, 1916; Ph.D., Bryn Mawr College, 1923. Gamma Phi Beta Social Service Fellow, Association of Collegiate Alumnae, 1917-18.

Practicum: Children's Bureau, Philadelphia; Bryn Mawr Community Center.

Positions, 1919—: Laboratory Assistant, Child Study Laboratory, Public Schools, Seattle, Wash., 1919-22; Assistant to Assistant Superintendent of Schools, 1922-23; Executive Secretary, Haverford Community Center, Haverford, Pa., 1923-24; Professor of Psychology and Education, Lake Erie College, 1925—.

NISSON, ESTELLE GENEVA (Mrs. D. Porter Dunlap)
 1129 Greenwich Terrace, San Francisco, Calif.
Scholar in Social Economy and Social Research, October, 1918-June,
1919. Special War Emergency Certificate, 1919.

Academic Training: Pomona College, 1914-15; University of California, 1915-16. A.B., Stanford University, 1918.

Practicum: John Wanamaker, Philadelphia; The Hood Rubber Company, Watertown, Mass.; Wm. Filene's Sons, Boston, Mass.

Positions, 1919-24: Investigator, Retail Research Association, New York City, 1919-22; Campaign Manager, A. R. C., Orange County, Calif., 1923; Field Worker in Chapter Inspection, Chi Omega Fraternity, 1923; Assistant Buyer, The White House, San Francisco, Calif., 1923-24.

O'CONNELL, MRS. JOHN J. (see Baxter, Georgia Louise).

OPP, HELEN SCHUYLER...E. I. du Pont de Nemours Co., Wilmington, Del.
Scholar in Social Economy and Social Research, June, 1918-February,
1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Goucher College, 1909; Cornell University, summer, 1911; University of Pennsylvania, 1914-17.

Positions, 1910-18: Teacher, High School, Kingston, Pa., 1910-12, Lewistown, Pa., 1912-13, Philadelphia, 1913-18.

Practicum: The McElwain Shoe Company, Manchester, N. H.; Winchester Repeating Arms Company, New Haven, Conn.; Edward G. Budd Motor Manufacturing Company, Philadelphia.

Positions, 1919-: Assistant to Safety Engineer, Semet-Solway Company, Syracuse, N. Y., 1919-21; Assistant, Industrial Research Department, Wharton School of Commerce, University of Pennsylvania, 1921-22; Secretary and Treasurer, J. H. Weir Company, Wilkes-Barre, Pa., April, 1922-23; Member of Staff, Institute of Economics, Washington, D. C., 1924-25; Industrial Research Worker, Service Department, E. I. du Pont de Nemours Co., Wilmington, Del.

ORMSBEE, HAZEL GRANT.....Y. W. C. A., Bridgeport, Conn.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1915-16; Carola Woerishoffer Fellow, 1916-17. Two year certificate, 1917. Mary E. Garrett European Fellow, 1920-21. Graduate Student in Social Economy and Social Research, 1923-25. Doctor of Philosophy, Bryn Mawr College, 1926.

Academic Training: A.B., Cornell University, 1915; Student, London School of Economics, 1920-21; Ph.D., Bryn Mawr College, 1926.

Practicum: Bureau of Compulsory Education, Philadelphia.

Positions, 1917-: Case Work Supervisor, White-Williams Foundation, Philadelphia, 1917-20; Scholarship Counsellor, 1921-22; Vocational Counsellor, Vocational Service for Juniors, New York City, 1922-23; Research Assistant, Carola Woerishoffer Graduate Department, 1923-25; Director, International Institute, Y. W. C. A., Manchester, N. H., 1926-27; Bridgeport, Conn., 1927-.

OWENS, JEANETTE CAROLYN (Mrs. Thomas S. Fogarty)
 Geo. G. Bean, Inc., Boston, Mass.
Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: Bachelor of Biological Science, Bucknell University, 1917.

Position, 1917-18: Teacher, High School, Stroudsburg, Pa.

Practicum: General Electric Company, Lynn, Mass.; The Fayette R. Plumb Company, Philadelphia.

Positions, 1919-: Assistant to Employment Manager, Sun Shipbuilding Company, Chester, Pa., 1919; Worker in Quilling Department, Aberfoyle Manufacturing Company, 1919; Teacher, Industrial Department, High School, Chester, Pa., 1919-20; Teacher of Science, High School, Williamsport, Pa., 1920-22; Teacher of English, Junior Schools, Camden, N. J., 1922-24; Buyer, Geo. G. Bean, Inc., Boston, Mass., 1924-.

PADDOCK, LAURA BELL (Mrs. Kenneth M. Coolbaugh)
 113 Poplar Walk, Ridley Park, Pa.
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Minnesota, 1910.

Positions, 1910-18: Assistant Principal, High School, Mora, Minn., 1910-12; Principal, High School, Monticello, Minn., 1912-13; Principal, High School, Delano, Minn., 1913-18.

Practicum: The American International Shipbuilding Company, Hog Island, Philadelphia; Plimpton Press, Norwood, Mass.; Bird & Co., Walpole, Mass.

Positions, 1919-23: Industrial Editorial Writer, Collins Industrial Council, A. M. Collins Manufacturing Company, Philadelphia, 1919-22; Field Investigator, United States Coal Commission, Washington, D. C., 1923.

PALMER, GLADYS LOUISE.....Hollins College, Hollins, Va.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1917-18, 1919-20. One year certificate, 1918.

Academic Training: A.B., Barnard College, 1917; Frances Sargent Pepper Fellow, University of Pennsylvania, 1922-23; Ph.D., University of Pennsylvania, 1924.

Positions, 1918-: Secretary, Carola Woerishoffer Graduate Department, Bryn Mawr College, 1918-19, and Reader, 1919-20; Instructor in Economics, Vassar College, 1920-22; Assistant in Economics, Swarthmore College, 1923-24; Professor of Economics and Sociology, Hollins College, 1924-.

PANCOAST, ELINOR.....Goucher College, Baltimore, Md.
Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: University of Texas, 1911-13, and summer, 1916. Ph.B., University of Chicago, 1917, and M.A., 1922; Graduate Student, University of Chicago, 1920-21; Assistant in Political Economy, 1922-23, and Fellow, 1923-24; Ph.D., 1927.

Positions, 1913-18: Teacher, High School, Henrietta, Texas, 1913-16; Wichita Falls, Texas, 1917-18.

Practicum: Notaseme Hosiery Company, Philadelphia; Scovill Manufacturing Company, Waterbury, Conn.; Acme Wire Company, New Haven, Conn.

Positions, 1919—: Research Worker, Industrial Service Department, A. M. Collins Company, Philadelphia, 1919-20; Instructor in Economics, Goucher College, 1924-25; Assistant Professor of Economics, 1925—.

PARSONS, MRS. IRVING B. (see Shackelford, Pemala).

PIERROT, HENRIETTE 11 rue du Cardinal Lemoine, Paris, France
French Graduate Scholar, 1922-23. One year certificate, 1923.

Academic Training: The Sorbonne, Paris, 1915-18; Licence ès lettres, University of Paris, 1916; Diplôme d'études supérieures de philosophie, 1917, and Certificat d'études supérieures d'embryologie, 1918; Student of Painting and Decoration, 1918-22.

Positions, 1923—: Artist, New York City, 1923-24; Tutor and Teacher in private schools, 1924—.

PIRIE, ALICE MAY Fort Collins, Colo.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Colorado College, 1919.

Position, 1919-20: Principal, High School, Estes Park, Colo.

Practicum: Curtis Publishing Company, Philadelphia.

Positions, 1921—: Manager, Crags Hotel, Estes Park, Colo., 1921; Teacher of Mathematics and English, State Preparatory School, Boulder, Colo., 1921-23; Superintendent, Wright Refuge, Durham, N. C., 1923-27.

PLANT, MRS. JOHN DAVID (see Mason, Florence Reynolds).

PORTER, ELIZABETH LANE Family Service Society, New Orleans, La.
Intercollegiate Community Service Association Fellow, 1920-21. One year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1916; M.A., Social Work Department, Margaret Morrison Division, Carnegie Institute of Technology, 1920.

Position, 1917-19: Chief Clerk, Second District Exemption Board, Fort Wayne, Ind.

Practicum: College Settlement, Philadelphia.

Positions, 1921—: Registrar, Confidential Exchange, Cincinnati, Ohio, 1921-22; Executive Secretary, Social Service Exchange, Wilkes-Barre, Pa., 1923-25; Instructor in Social Work, Tulane University, 1925-27; Supervisor of Case Work, Family Service Society, New Orleans, La., 1927—.

PRICE, EDITH MAY St. Giles, Teddington, Middlesex, England
British Graduate Scholar, 1919-20. One year certificate, 1920.

Academic Training: Girton College, Cambridge, England; Law Student, Inner Temple, London, 1922—.

Practicum: Municipal Court, Philadelphia; Children's Aid Society, and Society for Organizing Charity, Philadelphia.

Positions, 1920-22: Field Worker, United States Interdepartmental Social Hygiene Board, Boston, Mass., 1920; Student Worker, Reformatory for Women, Framingham, Mass., 1920; Field Worker, Girls' Protective League, Detroit, Mich., 1921-22.

PRICE, FANNIE EMOGENE 713 Pleasant Street, Pawtucket, R. I.
Grace H. Dodge Fellow in Social Economy and Social Research, 1926-27.

Academic Training: A.B., Brown University, 1925, M.A., 1926, and University Fellow, 1927-28; Columbia University, summer, 1925.

Practicum: Bryn Mawr Community Center; College Settlement, Philadelphia.

REINHOLD, ROSEMARY DOROTHY Casilla 1214, Valparaiso, Chile
Carola Woerishoffer Scholar in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A.B., Northwestern University, 1916; Graduate Student, Summer School, Northwestern University, 1920.

Positions, 1916-22: Teacher, High School, Stockland, Ill., 1916-17; High School, Clear Lake, Iowa, 1917-19; Junior High School, Flagstaff, Ariz., 1919-22.

Practicum: Bryn Mawr Community Centre; Y. W. C. A., Philadelphia.

Position, 1923—: General Secretary, Y. W. C. A., Princeton, N. J., 1923-24; General Secretary, Y. W. C. A., Valparaiso, Chile, 1924—.

RESS, EVA.....134 West 12th Street, New York City
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Smith College, 1916.
Positions, 1916-20: Family Case Worker, United Hebrew Charities, New York City, 1916-17; Investigator and Court Worker, New York Probation and Protective Association, New York City, 1917; Secretary, Juvenile Commission, Hartford, Conn., 1917-18; Field Agent, United States Employment Service in Connecticut, 1918-19; Secretary, Juvenile Commission, Hartford, Conn., 1919-20.
Practicum: A. M. Collins Manufacturing Company, Philadelphia.
Positions, 1921-: Worker in Adjustment Bureau, Bamberger's, Newark, N. J., 1921-22; Assistant to President, Goheen Corporation of New Jersey, 1922-.

RIDGEWAY, MRS. (see Shanek, Bertha).

ROBBINS, RHODA

Lingedale, 10 Langdale Road, Sefton Park, Liverpool, England
British Graduate Scholar, 1921-22. One year certificate, 1922.

Academic Training: B.Sc., Liverpool University, 1912, and M.Sc., 1914.
Position, 1918-21: Lecturer in Mathematics, Biology and Advanced Botany, Home and Colonial College, Wood Green, London, 1918-21.
Practicum: Conestoga Community Center, Bryn Mawr, Pa.

RODNEY, MARY EMILY (Mrs. Donald C. Brinser)

Hillcrest Court, 70th Street and Broadway, Jackson Heights, L. I.
Intercollegiate Community Service Association Fellow, 1924-25. One year certificate, 1925.

Academic Training: A.B., Bryn Mawr College, 1924.
Practicum: College Settlement, Philadelphia; College Settlement, New York.
Positions, 1927-: Member of Personnel Department, R. H. Macy and Company, New York City.

ROGERS, MRS. BARTON JOSEPH (see Williams, Ada Griswold).

ROMER, MRS. ALFRED SHERWOOD (see Hibbard, Ruth).

ROSS, HELEN.....1151 East 56th Street, Chicago, Ill.
Susan B. Anthony Scholar in Social Economy and Politics, 1917-18. One year certificate, 1918.

Academic Training: A.B. and B.S., University of Missouri, 1911; Graduate Student, University of Missouri, 1916-17; London School of Economics, 1920-21.
Positions, 1911-17: Teacher, High School, Independence, Mo., 1911-16; Supervisor, Evening School for Immigrants, Jewish Educational Institute, Kansas City, Mo., 1911-15; Teacher, High School, Columbia, Mo., 1916-17.
Positions, 1918-: Agent, United States Railway Administration, Women's Service Section, Division of Labor, 1918-19; Director, Camp Kechuwa, Michigamme, Mich., 1914-; Foreign Travel School, 1925-.

SCHAUFFLER, MARY CHRISTINE.....2117 Adelbert Road, Cleveland, Ohio
Scholar in Social Economy and Social Research, February-October, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Western Reserve University, 1910, and M.A., 1927. Columbia University, summer, 1914; University of Chicago, summers, 1911, 1916 and 1928.
Positions, 1910-18: Teacher, High School, New Philadelphia, Ohio, 1910-17, and Head of English work, 1917-18.
Practicum: The Miller Lock Company, Philadelphia.
Positions, 1920-: Director of Service Work, Bay State Cotton Corporation, Newburyport, Mass., 1920-22; Supervisor of Service, International Cotton Mills, Lowell, Mass., 1922-24; Assistant to Director, Junior Division, United States Employment Service, Washington, D. C., 1924-25; Research Worker, Bureau of Vocational Information, Washington, D. C., 1925; Director, Elizabeth Arnold Employment Service For Women, Cleveland, 1925-27; Instructor of Sociology, Western Reserve University, 1927-.

SCHERMERHORN, HELEN IVES.....82 Pangborn Place, Hackensack, N. J.
Carola Woerishoffer Fellow in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Vassar College, 1908; M.A., Columbia University, 1920.

Positions, 1909-19: Teacher, Brown School, Schenectady, N. Y., 1909-15; Academy for Girls, Albany, N. Y., 1916-19.

Practicum: Bryn Mawr Community Center.

Positions, 1921-: Principal, Night School for Foreign Born, Hackensack, N. J., 1921—, and Americanization Director, 1923—.

SCHMIDT, GERTRUDE 102 College Avenue, Northfield, Minn.
Robert G. Valentine Scholar in Social Economy and Social Research, 1926-27. One year certificate, 1927.

Academic Training: A.B., Carleton College, 1926; Graduate Student, University of Wisconsin, first semester, 1927.

Practicum: Leeds, Northrup Company, Philadelphia; R. H. Macy & Company, New York City; Gillette Safety Razor Company, Boston.

Positions, 1928-: Field Worker, Federal Children's Bureau, 1928—.

SCHOENFIELD, MARGARET HERTHA
 3448 34th Place, Cleveland Park, Washington, D. C.
Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: A.B., George Washington University, 1918; M.A., 1920.

Positions, 1920-21: Clerk, United States Department of Agriculture, Washington, D. C., 1920; Clerk, United States Employees' Compensation Commission, 1920-21; Assistant Field Agent, United States Social Hygiene Board, 1921.

Practicum: Thos. E. Brown & Sons, Philadelphia; Dennison Manufacturing Co., Framingham, Mass.; Bryn Mawr Community Center.

Positions, 1922-: Investigator, United States Coal Commission, 1923; Worker in Industrial Research, University of Pennsylvania, 1923-26; Special Expert, U. S. Tariff Commission, 1927-28; Assistant Economic Analyst, U. S. Bureau of Labor Statistics, 1928—.

SHACKELFORD, PEMALA (Mrs. Irving Browne Parsons)
 1005 Canyon Road, Santa Fe, N. M.
Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: A.B., University of Missouri, 1921.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; Strawbridge & Clothier, Philadelphia; Y. W. C. A., New York City.

Positions, 1922-26: Industrial Secretary, Y. W. C. A., Muncie, Ind., 1922-24; Industrial Secretary, Frankford Branch, Y. W. C. A., Philadelphia, 1924-26.

SHANEK, BERTHA (Mrs. Ridgeway) ..c/o Mr. Charles Shanek, Odell, Nebr.
Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., University of Nebraska, 1912; Graduate Student, Columbia University, summer, 1916; University of Nebraska, 1916-18.

Positions, 1900-20: Teacher, Public Schools, Superior, Nebr., 1900-09; High School, Hastings, Nebr., 1912-16; Night School, Lincoln, Nebr., 1916-18; Preparatory High School, University of Wyoming, 1918-20.

Practicum: Edward G. Budd Company, Philadelphia.

SHAPIRO, LILLIAN 320 Beach 43rd Street, Edgemere, L. I.
Robert G. Valentine Scholar in Social Economy and Social Research, 1927-28. One year certificate, 1928.

Academic Training: A.B., Hunter College, 1927; Student in Law, New York University, 1926-27.

Positions, 1925-27: Teacher of English, French and Spanish, Manhattan Preparatory School, New York City.

Practicum: Jewish Welfare Society, Philadelphia; United States Machinery Corporation, New York City.

SHAW, ANNIE Merchiston, Uddingston, Lanarkshire, Scotland
British Graduate Scholar, 1927-28. One year certificate, 1928.

Academic Training: M.A., Edinburgh University; Post Graduate Diploma, Edinburgh School of Social Study, 1927; Graduate Student, Columbia University, 1928—.

Position, 1928-: Research assistant, Dr. Lillian Gilbreth, Montclair, New Jersey.

SHIELDS, WILMER.....3915 St. Charles Avenue, New Orleans, La.
Grace H. Dodge Scholar in Social Economy and Social Research, 1923-24; and Carola Woerishoffer Fellow in Social Economy and Social Research, 1924-25. Master of Arts, 1925. Two year certificate, 1925.

Academic Training: A.B., Newcomb College, Tulane University, 1923; M.A., Bryn Mawr College, 1925.

Practicum: A. M. Collins Manufacturing Company, Philadelphia; Lord & Taylor, New York City.

Positions, 1924—: Clerk, Office of the Factories Inspector, New Orleans, La., summer, 1924; Research Worker, High School Scholarship Association, New Orleans, 1925-27; Teacher, School of Social Work, Tulane University, 1927—; Research Secretary, New Orleans Community Chest, 1928—.

SMALTZ, REBECCA GLOVER

32 East Sedgwick Street, Germantown, Philadelphia
Non-Resident Graduate Student in Social Economy and Social Research and Economics, 1923-25. Master of Arts, 1925. Two year certificate, 1925.

Academic Training: A.B., Mount Holyoke College, 1923; M.A., Bryn Mawr College, 1925.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; Whitman's Candy Factory.

Positions, 1925—: Tutor in Economics, Bryn Mawr Summer School for Women Workers in Industry, 1925; Field Investigator, Bureau of Women and Children, Pennsylvania State Department of Labor and Industry, 1926—.

SMILOVITZ, RACHEL LILIAN (Mrs. Benjamin A. Gladwin)

Winslow Apt., 1530 Seward Street, Detroit, Mich.
Scholar in Economics, 1921-22. One year certificate, 1922.

Academic Training: A.B., University of Toronto, 1921.

Practicum: Conestoga Community Centre, Bryn Mawr.

Position, 1923: Translator, Provincial Parliament, Quebec.

SMITH, MRS. FRANK CALTON (see Monroe, Margaret Montague).

SNELL, JULIA CHARLOTTE (Mrs. Elmer Ellsworth Bradley)

1216 Marion Street, Scranton, Pa.
Carola Woerishoffer Scholar in Social Economy and Social Research, 1923-24; and Carola Woerishoffer Fellow in Social Economy and Social Research, 1924-25. Two year certificate, 1925.

Academic Training: A.B., Mount Holyoke College, 1923.

Position, 1925: Field Investigator, Federal Children's Bureau, Maryland and District of Columbia.

SNIDER, MARGUERITE LYONS.....63 Kensington Avenue, Uniontown, Pa.
American Red Cross Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: A.B., Vassar College, 1918. Graduate Student, Columbia University and Union Theological Seminary, 1923-24.

Position, 1918-20: Case Worker, Fayette County A. R. C., Uniontown, Pa.

Practicum: Rural Section, Southeastern Division A. R. C., Chester County, Pa.

Positions, 1921—: Assistant Executive Secretary, A. R. C., Uniontown, Pa., 1921-24; Edward A. Woods Co.—Equitable Life Assurance Society, Pittsburgh, Pa., 1925—.

SORBETS, MARGUERITE (Madame Jean Vèzes)

45 Avenue de l'Echo, Parc-Saint-Maur-Seine, France
Special French Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: Baccalaureate, University of Bordeaux, 1916-19; Licence ès Sciences, 1919; Diplôme d'Ingénieur Chimiste, 1919.

Practicum: Aberfoyle Manufacturing Company, Chester, Pa.; The American Pulley Company, Philadelphia; Procter and Gamble, Port Ivory, Staten Island, N. Y.

Positions, 1920—: Secretary, *Mon Bureau* Magazine, Paris, 1921; Secretary, Chemical Laboratory, Paris University, 1923; Secretary-Chemist, Accumulators makers, Paris, 1923-24; Secretary to the Director, La Nationale Re-Insurance Company, Paris, 1924-27.

SPALDING, HELEN ELIZABETH . . . 463 Van Buren Street, Milwaukee, Wis.
Graduate Student in Social Economy and Social Research, 1919-20;
Carola Woerishoffer Fellow in Social Economy and Social Research,
1920-21. Master of Arts, 1920. Two year certificate, 1921.

Academic Training: A.B., Bryn Mawr College, 1919, and M.A., 1920.

Practicum: Children's Aid Society, Philadelphia; Society for Organizing Charity, Philadelphia.

Positions, 1921—: Visitor, Mothers' Pensions Department, Wayne County Juvenile Court, Detroit, Mich., 1921-22; Visitor, Provident Association, St. Louis, Mo., 1922-24; Case Worker, Pennsylvania Children's Aid Society, Philadelphia, 1924-26; Director, Child Boarding Department, Juvenile Protective Association, Milwaukee, Wis., 1926—.

SPAULDING, MRS. GEORGE F. (see McCausland, Catherine).

SPENCE, VIRGINIA WENDEL (Mrs. Clifton Lowther Moss)

3718 Cragmont Street, Dallas, Texas

Grace H. Dodge Fellow in Social Economy and Social Research, 1920-21.
One year certificate, 1921.

Academic Training: A.B., University of Texas, 1917, and M.A., 1920. National Training School, Y. W. C. A., New York City, summer, 1919.

Positions, 1917-21: Assistant Registrar, Agricultural and Mechanical College, College Station, Texas, 1917-18, and Secretary, Army Training, 1918-19; Girls' Work Secretary, Y. W. C. A., Austin, Texas, 1919-20; Student Assistant, Department of Economics, University of Texas, 1919-20; Instructor, Summer Session, University of Texas, 1920-21.

Practicum: Atlantic Refining Company, Philadelphia.

Position, Summer, 1921: General Secretary, Y. W. C. A., Laredo, Texas.

STADLER, EVELYN (Mrs. Philip Hammer)

5604 Washington Court, St. Louis, Mo.

Scholar in Social Economy and Social Research, February-October, 1919.
Special War Emergency Certificate, 1919.

Academic Training: Harris Teachers College, St. Louis, Mo., 1913-15; B.S., University of Missouri, 1919.

Positions, 1915-17: Substitute Teacher, Public Schools, St. Louis, 1915-16; Teacher, Emerson School, 1916-17.

Practicum: Notaseme Hosiery Company, Philadelphia; Fashion Park, Rochester, N. Y.

Position, 1919-20: Employment Manager of Women, Standard Mill, American Manufacturing Company, St. Louis, Mo.

STELLE, KATHARINE BEATRICE (Mrs. Edward Walter Miller)

114 East 188th Street, New York City

Scholar in Social Economy and Social Research, October, 1918-June,
1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1918.

Practicum: The Atlantic Refining Company, Philadelphia; The Winchester Repeating Arms Company, New Haven, Conn.; Acme Wire Company, New Haven, Conn.

Positions, 1919-21: General and Industrial Secretary, North American Lace Company Branch, Y. W. C. A., Philadelphia, 1919-20; Assistant Supervisor of Employment, The L. K. Liggett Company, New York City, 1920-21.

STEVENSON, MARGARETTA PRICE

952 $\frac{3}{4}$ North Serrano Avenue, Los Angeles, Calif.

Graduate Student in Social Economy and Social Research, 1918-19.
One year certificate, 1919.

Academic Training: A.B., University of Kansas, 1918.

Practicum: Bryn Mawr Community Center.

Positions, 1919—: Organizer Community Work, Wamego, Kans., and Teacher of Latin and English, High School, Wamego, 1919-21; Teacher of English, Atchison, Kans., 1921-23; Assistant Manager, "Ask Mr. Foster" Travel Information Service, Los Angeles, Calif., 1923; Teacher of Oral English and Dramatics, Jefferson High School, 1924—.

STILES, HALLIE ULA 64 Park Avenue, New York City

Scholar in Social Economy and Social Research, October, 1918-June,
1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Albion College, 1916.

Positions, 1908-18: Assistant Bookkeeper and Stenographer, Peoples Exchange Bank, Russellville, Ark., 1908-12; Librarian, Y. W. C. A., Detroit, Mich., 1916-17, and Indus-

trial Secretary, 1917-18; Shop Practice, American Car and Foundry Co., Detroit, summer, 1918.

Practicum: The Barrett Manufacturing Company, Pennsylvania Department of Labor and Industry, Factory Inspection, and United States Employment Service, Philadelphia.
Positions, 1919—: Employment Manager, Notaseme Hosiery Company, Philadelphia, 1919; Assistant to Credit Manager, A. B. Kirschbaum Company, 1919-20; Educational Instructor and Assistant Supervisor of Juniors, L. Bamberger and Company, Newark, N. J., 1920-22, and Buyer, 1922-23; Training as Tea Room Manager, Schraft's, New York City, 1924.

STUCKY, MRS. FRED (see Walder, Emmi).

SUMNER, MARY CLAYTON.....145 East 57th Street, New York City
Carola Woerishoffer Fellow in Social Economy and Social Research, 1922-23. One year certificate, 1923.

Academic Training: A. B., Newcomb College, Tulane University, 1917; Graduate Student, Tulane University, 1917-18, and Fellow in Psychology, 1918-19; Commonwealth Fellow in Mental Hygiene, New York School of Social Work, 1923-24.

Positions, 1917-22: Editorial Staff, *Times-Picayune*, New Orleans, La., 1917-18; Teacher, Newman Manual Training School, New Orleans, 1919; Publicity Director, Northeast Field, National Board, Y. W. C. A., New York City, 1919-21; Member of Reviewing Staff, American Institute of Medicine, New York City, 1921-22; Executive Secretary, International Serbian Educational Committee, New York City, 1922.

Practicum: Society for Organizing Charity, Philadelphia; Nervous and Mental Diseases Clinic, Pennsylvania Hospital, Philadelphia.

Positions, 1924—: Psychiatric-Social Worker, Research Department, Berkshire Industrial Farm, Canaan, N. Y., 1924-27; Psychiatric Social Worker, Institute for Child Guidance, New York City, 1927—.

TATTERSHALL, LOUISE MAY.....189 Claremont Avenue, New York City
Scholar in Social Economy and Social Research, 1919-20. One year certificate, 1920.

Academic Training: A. B., Barnard College, 1908.

Positions, 1909-19: Teacher, High School, White Haven, Pa., 1909-11; Wykeham Rise, Washington, Conn., 1914-15; and Phoebe Anna Thorne School, Bryn Mawr, Pa., 1915-16; Kent Place School, Summit, N. J., 1916-17; Clerk, The American Telephone and Telegraph Company, New York City, 1917-19; Clerk, A. R. C., New York City, 1919.

Practicum: The Edward G. Budd Manufacturing Company, Philadelphia; Vocational Direction in Social Institutions, Massachusetts.

Positions, 1920—: Director, Placement Bureau for the Handicapped, A. R. C., St. Louis, Mo., 1920-21; Research Worker, Central Employment Bureau, Y. W. C. A., New York City, 1921-24; Statistician, National Organization for Public Health Nursing, New York City, 1924—.

TETLOW, FRANCES HOWARD.....49 Arnold Avenue, Amsterdam, N. Y.
Graduate Student in Social Economy and Social Research, 1915-16, 1917-18. Two year certificate, 1918.

Academic Training: A. B., Radcliffe College, 1908. Graduate Student, University of Wisconsin, 1916-17.

Position, 1909-15: Teacher of English, Winsor School, Boston, Mass.

Practicum: Women's Trade Union League, Philadelphia.

Positions, 1917—: Executive Secretary, Pennsylvania Committee on Women in Industry, 1917-18; Placement Agent, American Optical Company, Southbridge, Mass., 1918-20; Piece Worker, T. G. Plant Company, Boston, Mass., 1921-22; Investigator in Labor Survey, Cluett, Peabody & Company, Troy, N. Y., 1923; Personnel Worker, Mohawk Carpet Mills, Inc., Amsterdam, N. Y., 1923—.

TSIANG, MRS. TINGFU (see Dong, Nyok Zoe).

TUFTS, MRS. JOE (see Miller, Edith M.).

TUTTLE, LORNA MAY...2316 Grand Avenue South, Minneapolis, Minn.
Grace H. Dodge Scholar in Social Economy and Social Research, 1925-26. One year certificate, 1926.

Academic Training: A. B., University of Minnesota, 1924.

Position, 1924-25: Social Service Investigator, Minneapolis General Hospital, Minneapolis.

Practicum: Lord & Taylor, New York; Leeds & Northrup Company, Philadelphia; Aberfoyle Manufacturing Company, Chester, Pa.; Gillette Razor Company, Boston.

Positions, 1926—: Medical Social Worker, University Hospital, University of Minnesota, 1926-27; Industrial Secretary, Central Y. W. C. A., Minneapolis, Minn., 1927—.

VÈZES, MADAME JEAN (see Sorbets, Marguerite).

WALDER, EMMI (Mrs. Fred Stucky)

Hinterer Gotterbarmweg 18, Basel, Switzerland

Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: University of Zurich, 1919; University of Berne, 1919-20, 1922-24; Ph.D., University of Berne, 1924.

Practicum: A. M. Collins Company, Philadelphia; Notaseme Hosiery Company, Philadelphia; Westinghouse Lamp Company, Bloomfield, N. J.

Position, 1927—: Teacher of Social Work, Normal School for Kindergarten Teachers, Basel.

WALLACE, ISABEL KING. Florida State College for Women, Tallahassee, Fla.

Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922. Graduate Student, 1922-23. Master of Arts, 1923.

Academic Training: A.B., University of Rochester, 1916. M.A., Bryn Mawr College, 1923. Graduate Student, University of Chicago, 1925-26.

Positions, 1916-21: Worker in Industry, 1916-18; Director of Employment and Service Department, "Art in Buttons" factory, Rochester, N. Y., 1918-21.

Positions, 1922—: Assistant Demonstrator in Psychology, Bryn Mawr College, 1922-23; Director, Industrial Service Centre, Y. W. C. A., Chicago, 1924-25; Director of Bureau of Tests and Measurements, and Teacher of Psychology, State Teacher's College, Superior, Wis., 1926-28; Personnel Director, Florida State College for Women, 1928—.

WATSON, AMEY EATON (Mrs. Frank D. Watson)

773 College Avenue, Haverford, Pa.

Graduate Student in Social Economy and Social Research, 1915-23. Two year certificate, 1918. Doctor of Philosophy, 1924.

Academic Training: A.B., Pembroke College in Brown University, 1907; A.M., University of Pennsylvania, 1910; Graduate Student, Columbia University, 1913-14; Ph.D., Bryn Mawr College, 1924.

Positions, 1907—: Teacher, Miss Wheeler's School, Providence, R. I., 1907-08; Visitor, Association for Improving the Condition of the Poor, New York City, 1908-09; Research Worker, Eugenics Record Office, Cold Spring Harbor, N. Y., 1910-11; Research Worker, Agricultural College, Logan, Utah, 1911-12; Instructor, Department of Social Science, University of Utah, 1912; Special Agent, Federal Children's Bureau, 1916-18; Member of the faculty of the Pennsylvania School of Social and Health Work, 1918-26; Executive Secretary, Parents' Council of Philadelphia, 1925-26; Executive Secretary, Central Committee on Household Occupations, Philadelphia, 1927—.

WESTON, DOROTHY VIVIAN..... Weston's Mills, New York
Carola Woerishoffer Scholar in Social Economy and Social Research and College Settlements Association Fellow, 1915-16. Master of Arts, 1916.

Academic Training: A.B., Bryn Mawr College, 1914, and M.A., 1916.

Position, 1914-16: Resident, College Settlement, New York City.

Practicum: College Settlement, Philadelphia.

Positions, 1916—: Director of Girls' Work, Jan Hus Neighborhood House, New York City, 1916-17, and Head-Resident, 1917-18; Secretary to Personnel Manager, Engineering Department, Western Electric Company, New York City, 1921-23, and Personnel Research Assistant, 1923-27.

WHITE, JEANETTE OLIVIA (Mrs. John Clifford Farmer)

2632 South St. Louis Street, Tulsa, Okla.

Scholar in Social Economy and Social Research, June, 1918-February, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., University of Missouri, 1917; University of Oklahoma, summer, 1916.

Practicum: The Hood Rubber Company, Watertown, Mass.; The United States Employment Service, Philadelphia.

Position, 1919-20: Industrial Surveyor, Industrial Section, Y. W. C. A., New York City.

WHITE, MARCELLA..... 165 Knoles Way, Stockton, Calif.

Grace H. Dodge Scholar in Social Economy and Social Research, 1927-28. One year certificate, 1928; Bryn Mawr Intercollegiate Community Service Association Fellow, 1928-29.

Academic Training: A.B., College of the Pacific, 1927.

Practicum: Haverford Community Center; University Settlement, Philadelphia; East Side House Settlement, New York City; Goodrich Settlement, Cleveland; The Family Society, Philadelphia.

WILDE, CONSTANCE ELIZABETH MARY

19 Merton Road, Walthamstow, London E. 17, England

British Graduate Scholar, 1921-22; Grace H. Dodge Fellow in Social Economy and Social Research, 1922-23. Two year certificate, 1923.

Academic Training: B. Com., University of Manchester, 1919; M. Com., 1920.

Position, 1919-21: Assistant Lecturer in Economics, Huddersfield Technical College, England.

Practicum: Lord & Taylor, New York City; R. H. Macy & Co., New York City; John Wanamaker, Philadelphia.

Positions, 1923—: Tutor, Workers' Education Association, London, 1923-24; Lecturer in Commerce, Middlesex County Council, London, 1924—.

WILLARD, MILDRED MCCREARY (Mrs. John F. Gardiner)

156 Idris Road, Merion, Pa.

Graduate Scholar in Psychology, 1917-18. One year certificate, 1918.

Academic Training: University of Pennsylvania, summer, 1916; A.B., Bryn Mawr College, 1917, and M.A., 1918.

Positions, 1917—: Teacher of Abnormal Children, Bryn Mawr School for Individual Development, Rosemont, Pa., 1917-18. Assistant Employment Manager, Strawbridge and Clothier Store, Philadelphia, 1918-22; Psychometrist, U. S. Veterans' Bureau, 1922-26; Psychometrist, Children's Hospital and Orthopedic Hospital, 1923—; Delaware Hospital, Wilmington, 1925—; Director, Gardiner Child Study Service, 1925—; Psychologist, Tower Hill School, 1926—; Teacher of Psychology, Caskin School, Devon, 1926—.

WILLIAMS, ADA GRISWOLD (Mrs. Barton Joseph Rogers)

408 Michigan Avenue, Crystal Falls, Mich.

Grace H. Dodge Scholar in Social Economy and Social Research, 1921-22. One year certificate, 1922.

Academic Training: A.B., University of Wisconsin, 1921.

Practicum: White-Williams Foundation, Philadelphia, and Bryn Mawr Hospital.

Positions, 1922—: Social Worker, Massachusetts General Hospital, Boston, 1922; Rochester Homeopathic Hospital, 1922-24; Family Welfare League, Milwaukee, Wis., 1924-25.

WILLIAMS, GRACE EDITH.....Y. W. C. A., Kansas City, Mo.

Grace H. Dodge Scholar in Social Economy and Social Research, 1920-21. One year certificate, 1921.

Academic Training: Ph.B., Penn College, 1913.

Positions, 1906-20: Teacher, Public Schools, Oskaloosa, Iowa, 1906-08, 1910-11, 1913-14; General Secretary, Y. W. C. A., Muscatine, Iowa, 1915-17; Industrial Secretary, Cedar Rapids, Iowa, 1917-20.

Practicum: Leeds and Northrup Company, Philadelphia.

Positions, 1921—: Field Secretary, National Y. W. C. A., 1921-22; General Secretary, Lawrence, Mass., 1922-24; General Secretary, Kansas City, 1924—.

WITMER, HELEN LELAND...London School of Economics, London, England

Carola Woerishoffer Fellow in Social Economy and Social Research, 1923-24. One year certificate, 1924.

Academic Training: A.B., Dickinson College, 1919; M.A., University of Wisconsin, 1923, and Fellow in Sociology, 1924-25; Ph.D., 1925; Fellow, Social Science Research Council, 1927—.

Practicum: White-Williams Foundation, Philadelphia.

Positions, 1925—: Research Worker, Sleighton Farm, Darlington, Pa., 1925; Statistician, Department of Mental Diseases, Boston, Mass., 1925-26; Assistant Professor, Social Hygiene Research, University of Minnesota, 1926-27.

WOOD, MARGARET WELLS (Mrs. Alexander James Wood)

146 East 37th Street, New York City

Scholar in Social Economy and Social Research, October, 1918-June, 1919. Special War Emergency Certificate, 1919.

Academic Training: A.B., Mount Holyoke College, 1906.

Positions, 1906-17: Instructor, Ellsworth College, Iowa Falls, Iowa, 1906-08; Gilbert School, Winsted, Conn., 1908-11, and High School, New Britain, Conn., 1913; Instructor and Vice-Principal, High School, Derby, Conn., 1913-18; Worker in mills, summers, 1900-07.

Practicum: A. M. Collins Company, Philadelphia; Industrial Division, Y. W. C. A.
Positions, 1919—: Secretary on Relations with Employment, National Board, Y. W. C. A., New York City, 1919-21; National Industrial Secretary, Y. W. C. A. of Japan, 1921-23; Research Worker in Industrial Department, National Board, Y. W. C. A., New York City, 1924; Executive Secretary, New York Committee, Tsuda College Rebuilding Fund, 1924; Special Writing, 1924; Executive Secretary, Hospital Social Service Association of New York City, Inc., 1925-27.

WOODS, AGNES STERRETT.....168 West High Street, Carlisle, Pa.
Community Center Scholar in Social Economy and Social Research, 1919-21. Two year certificate, 1921. Graduate Student, 1924.

Academic Training: A.B., Dickinson College, 1917, and A. M., 1918; Graduate Student, Columbia University, 1927—.

Practicum: Bryn Mawr Community Center.

Positions, 1918-19: Office Assistant, Varick House, New York City, 1918; Employment Office, Y. W. C. A., New York City, 1918-19; Postmistress, Camp Altamont, 1919; Assistant to Librarian, Horace Mann School for Boys, 1925—.

ZEITFUCHS, MRS. EDWARD (see Lonegren, Irma Caroline).

ZRUST, JOSEPHINE LUCILLE.....Clarkson, Nebr.
Susan B. Anthony Scholar in Social Economy and Politics, 1919-20. One year certificate, 1920.

Academic Training: A.B., University of Nebraska, 1918, and M.A., 1919. Graduate Student, Columbia University, 1920-23; University of Prague, Czechoslovakia, 1923—.

Position, 1919: Graduate Assistant, University of Nebraska, six months.

Practicum: Bryn Mawr Community Center.

Positions, 1920—: Assistant, Czechoslovak Section, Foreign Language Information Service, A. R. C., New York City, 1920-21; Secretary for Czechoslovak Interests, National Y. W. C. A., New York City, 1921-23.

STUDENTS FOR THE YEAR 1928-29

BACHE, PRISCILLA.....653 Chestnut Street, Waban, Mass.
Intercollegiate Community Service Association Fellow and Carola Woerishoffer Scholar in Social Economy and Social Research, 1927-28. Carola Woerishoffer Fellow in Social Economy and Social Research, 1928-29.

Academic Training: A.B., Smith College, 1927.

Positions: Telephone Operator, Newton Center, Mass., summer, 1923; Attendant, Peabody Home, Chestnut Hill, Mass., summer, 1923; Manager, "Hooked Rug Shop," Nantucket Island, summer, 1927.

Practicum: Family Society, Philadelphia; Judge Baker Foundation, Boston; Children's Aid Association, Boston.

BACKSTROM, MARTA.....12 Artillerigaten, Stockholm, Sweden
Swedish Graduate Scholar, 1928-29.

Academic Training: University of Upsala, 1918-24, juris cand., 1924.

Position, 1924-28: Social Worker, Bureau of Guardians, Stockholm.

Practicum: International Institute, Philadelphia.

BISHOP, JULIA ANN.....Abilene Christian College, Abilene, Texas
Grace H. Dodge Fellow in Social Economy and Social Research, 1928-29.

Academic Training: A.B., Abilene Christian College, 1924; M.A., Vanderbilt University, 1926.

Positions, 1922-28: Teacher, summer sessions of Abilene Christian College, 1922-28; Teacher of English, High School, Roscoe, Texas, 1924-25 and Abilene, Texas, 1926-28.

Practicum: Children's Aid Society, Philadelphia.

BISS, IRENE.....11 Belmont Road, Reigate, Surrey, England
Grace H. Dodge Scholar in Social Economy and Social Research and Cairns Scholar of Girton College, 1928-29.

Academic Training: London School of Economics, 1924-25; A.B., Girton College, 1923.

Practicum: Aberfoyle Manufacturing Co., Chester, Pa.; Lord & Taylor, New York City.

BLAIR, BERTHA.....See page 47
Graduate Student in Social Economy and Social Research, 1928-29.

BLOODWORTH, JESSIE.....Hartshorne, Okla.
Grace H. Dodge Fellow in Social Economy and Social Research, 1928-29.

Academic Training: A.B. and Social Service Certificate, University of Oklahoma, 1920;
 Student at Scarrit College, 1921, and Teachers College, 1925.
Positions, 1921-28: Social Worker, Huchow, China, 1921-24; Teacher, McTyre School,
 Shanghai, China, 1925-28.

CLARK, ANNA HOLBROOK.....See page 6
Graduate Student in Social Economy and Social Research, 1928-29.

ELSEY, FLORENCE.....526 North Third St., Atchison, Kan.
Graduate Student in Social Economy and Social Research, 1928-29.

Academic Training: A.B., Stanford, 1917; fall quarter, University of Chicago, 1927.
Positions: Librarian, U. S. Government Commission, The Inquiry, 1918; New York City
 Public Library, 1920-21.
Practicum: The Family Society, Philadelphia.

HANKINS, DOROTHY.....701 Laburnum, R. C., Roanoke, Va.
Grace H. Dodge Scholar in Social Economy and Social Research, 1928-29.

Academic Training: A.B., Lynchburg College, 1925.
Positions: High School Teacher, Spring Garden, Va., 1925-26; Staunton, Va., 1926-28.
Practicum: The Family Society, Philadelphia, Pa.

HERMAN, FLORENCE SHELLEY.....1517 Union Street, Brooklyn, N. Y.
Grace H. Dodge Scholar in Social Economy and Social Research, 1928-29.

Academic Training: A.B., Hunter College, 1928.
Practicum: Windsor Mills, Inc., Philadelphia; R. H. Macy & Company, Inc., New York
 City.

MICHIE, FRANCES ETHEL.....1716 E. Columbia Street, Seattle, Wash.
Carola Woerishoffer Fellow in Social Economy and Social Research,
1928-29.

Academic Training: A.B., 1925, and Graduate Student, 1927-28, University of Washington.
Positions: High School Teacher, Centralia, Wash., 1925-27.
Practicum: Henry Disston & Sons, Inc., Philadelphia; Bloomingdale Brothers, Inc.,
 New York City.

VAN FLEET, JOSEPHINE.....Monte Vista, Colo.
Robert G. Valentine Memorial Scholar in Social Economy and Social
Research, 1928-29.

Academic Training: A.B., Colorado College, 1928.
Practicum: The A. M. Collins Co., Philadelphia; R. H. Macy & Company, Inc., New
 York City.

WHITE, MARCELLA.....See page 71
Bryn Mawr Intercollegiate Community Service Association Fellow,
1928-29.

WILDY, FRIEDA ELIZABETH.....1137 Tenth Street, Boulder, Colo.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1928-29.

Academic Training: A.B., University of Colorado, 1928.
Practicum: The Family Society, Philadelphia.

WILLIAMS, ROSALIE.....2727 North Hunter Street, Stockton, Calif.
Carola Woerishoffer Scholar in Social Economy and Social Research,
1928-29.

Academic Training: A.B., College of the Pacific, 1928.
Practicum: Leeds, Northrup Company, Philadelphia; Lord & Taylor, New York City.

WRIGHT, AUDREY.....514 Tea Street, N. W., Washington, D. C
Graduate Student in Social Economy and Social Research, 1927-28,
1928-29.

Academic Training: A.B., Oberlin College, 1927.
Practicum: Haverford Community Center; Urban League, New York City; Henry Street
 Settlement, New York City; Children's Bureau, Philadelphia.



BRYN MAWR COLLEGE

CALENDAR

UNDERGRADUATE AND GRADUATE
COURSES

1929

BRYN MAWR, PENNSYLVANIA
Published by Bryn Mawr College
Vol. XXII. Number 2. May, 1929.

*Entered as second class matter, March 23rd, 1908, at the post-office, Bryn Mawr,
Pennsylvania, under Act of July 16th, 1894.*

BRYN MAWR COLLEGE CALENDAR

1929

- Number 1. Announcement of Carola Woerishoffer Department.
- Number 2. Undergraduate and Graduate Courses.
- Number 3. Graduate Courses.
- Number 4. Academic Buildings and Halls of Residence,
Plans and Descriptions.

BRYN MAWR COLLEGE.

1929.							1930.												1931.															
JULY							JANUARY							JULY					JANUARY								JULY							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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7	8	9	10	11	12	13	5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25
28	29	30	31				26	27	28	29	30	31		27	28	29	30	31		25	26	27	28	29	30	31	26	27	28	29	30	31		
AUGUST							FEBRUARY							AUGUST					FEBRUARY								AUGUST							
	4	5	6	7	8	9	2	3	4	5	6	7	8	3	4	5	6	7	8	9	1	2	3	4	5	6	7	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	8	9	10	11	12	13	14	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	15	16	17	18	19	20	21	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28		24	25	26	27	28	29	30	22	23	24	25	26	27	28	23	24	25	26	27	28	29
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SEPTEMBER							MARCH							SEPTEMBER					MARCH								SEPTEMBER							
	1	2	3	4	5	6	2	3	4	5	6	7	8	1	2	3	4	5	6		1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	9	10	11	12	13	14	15	7	8	9	10	11	12	13	8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	16	17	18	19	20	21	22	14	15	16	17	18	19	20	15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	23	24	25	26	27	28	29	21	22	23	24	25	26	27	22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30						30	31						28	29	30					29	30	31					27	28	29	30			
OCTOBER							APRIL							OCTOBER					APRIL								OCTOBER							
	6	7	8	9	10	11	6	7	8	9	10	11	12	5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10
13	14	15	16	17	18	19	13	14	15	16	17	18	19	12	13	14	15	16	17	18	12	13	14	15	16	17	18	11	12	13	14	15	16	17
20	21	22	23	24	25	26	20	21	22	23	24	25	26	19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
27	28	29	30	31			27	28	29	30				26	27	28	29	30	31		26	27	28	29	30			25	26	27	28	29	30	31
NOVEMBER							MAY							NOVEMBER					MAY								NOVEMBER							
	3	4	5	6	7	8	4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9	1	2	3	4	5	6	7
10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	8	9	10	11	12	13	14
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24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30	22	23	24	25	26	27	28
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DECEMBER							JUNE							DECEMBER					JUNE								DECEMBER							
	1	2	3	4	5	6	1	2	3	4	5	6	7	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19
22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26
29	30	31					29	30						28	29	30	31				28	29	30					27	28	29	30	31		

The forty-fifth academic year will close with the conferring of Degrees at eleven o'clock, on June 4, 1930.

COLLEGE CALENDAR

1929-30

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 16
College Entrance Board Condition Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 25
Registration of Freshmen.....	September 26
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 30
Examinations for advanced standing begin.....	September 30
Deferred and condition examinations begin.....	September 30
The work of the forty-fifth academic year begins at 8.45 A. M.....	October 1
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 5
Deferred and condition examinations end.....	October 5
Examinations for advanced standing end.....	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 20
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 23
Thanksgiving vacation begins at 12.45 P. M.....	November 27
Thanksgiving vacation ends at 9 A. M.....	December 2
Ph.D. Language examinations.....	December 7
Christmas vacation begins at 12.45 P. M.....	*December 20
Christmas vacation ends at 9 A. M.....	January 6
Last day of lectures.....	January 17
Half-yearly collegiate examinations begin.....	January 20
Ph.D. Language examinations.....	January 20
Collegiate examinations end.....	January 31
Annual meeting of the Alumnæ Association.....	February 1
Vacation.....	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 4
Mid-semester examination in Elementary Greek.....	March 18
Announcement of European Fellowships.....	March 21
Spring vacation begins at 12.45 P. M.....	*March 28
Spring vacation ends at 9 A. M.....	April 7
Deferred and condition examinations begin.....	April 8
Deferred and condition examinations end.....	April 12
Ph.D. Language examinations.....	April 12
Examinations in French for Juniors.....	May 3

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Examinations in German for Juniors.....	May 10
Last day of lectures.....	May 16
Collegiate examinations begin.....	May 19
Collegiate examinations end.....	May 31
Baccalaureate Sermon.....	June 1
Conferring of degrees and close of forty-fifth academic year.....	June 4

COLLEGE CALENDAR

1930-31

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 15
College Entrance Board Condition Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 24
Registration of Freshmen.....	September 25
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 29
Examinations for advanced standing begin.....	September 29
Deferred and condition examinations begin.....	September 29
The work of the forty-sixth academic year begins at 8.45 A.M.....	September 30
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 4
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 4
Deferred and condition examinations end.....	October 4
Examinations for advanced standing end.....	October 4
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 11
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 11
Examination in French for M.A. Candidates, 8-9.30 P. M.....	November 19
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 22
Thanksgiving vacation begins at 12.45 P. M.....	November 26
Thanksgiving vacation ends at 9 A. M.....	December 1
Ph.D. Language examinations.....	December 6
Christmas vacation begins at 12.45 P. M.....	*December 19
Christmas vacation ends at 9 A. M.....	January 5
Last day of lectures.....	January 16
Half-yearly collegiate examinations begin.....	January 19
Ph.D. Language examinations.....	January 19
Collegiate examinations end.....	January 30
Annual meeting of the Alumnae Association.....	January 31
Vacation.....	February 2

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 3
Mid-semester examination in Elementary Greek.....	March 17
Announcement of European Fellowships.....	March 20
Spring vacation begins at 12.45 P. M.....	*March 27
Spring vacation ends at 9 A. M.....	April 6
Deferred and condition examinations begin.....	April 7
Deferred and condition examinations end.....	April 11

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Ph.D. Language examinations.....	April 11
Examinations in French for Juniors.....	May 2
Examinations in German for Juniors.....	May 9
Last day of lectures.....	May 15
Collegiate examinations begin.....	May 18
Collegiate examinations end.....	May 29
Baccalaureate Sermon.....	May 31
Conferring of degrees and close of forty-sixth academic year.....	June 3

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured, and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Comparative Philology and Linguistics	Philosophy
Greek	Psychology
Latin	Education
English	Classical Archæology
French	History of Art
Italian	Music
Spanish	Mathematics
German	Physics
Biblical Literature	Chemistry
History	Geology
Economics and Politics	Biology
Social Economy	

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BOARD OF DIRECTORS

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CAROLINE MCCORMICK SLADE*
AGNES BROWN LEACH†
RUTH FURNESS PORTER‡
Alumnæ Director, 1924-29
FRANCES FINCKE HAND§
Alumnæ Director, 1925-30
MARY PEIRCE
Alumnæ Director, 1926-31
MARGARET REEVE CARY**
Alumnæ Director, 1927-32
ELIZABETH LEWIS OTEY***
Alumnæ Director, 1928-33

* Mrs. F. Louis Slade.

† Mrs. Henry Goddard Leach.

‡ Mrs. James Foster Porter.

§ Mrs. Learned Hand.

** Mrs. C. Reed Cary.

*** Mrs. Dexter Otey.

STANDING COMMITTEES OF THE BOARD OF DIRECTORS, 1929

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MARGARET REEVE CARY

OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1928-29

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, * PH.D. Office: Taylor Hall.

Acting Dean

(Semester II)

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

President's Representative for Graduate Students

EUNICE MORGAN SCHENCK, PH.D. Office: Taylor Hall.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Assistant to the Dean

(Semester I)

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

(Semester II)

MARY SUMMERFIELD GARDINER, PH.D. Office: Taylor Hall.

Wardens of the Halls of Residence

FRIEDRIKA MARGRETHA HEYL, A.B., Radnor Hall.

JOSEPHINE FISHER, A.B., Pembroke Hall (*Head*).

GRACE RHOADS, A.B., Pembroke Hall (*Assistant*).

JULIA WARD, A.B., Rockefeller Hall.

HELEN BOND CRANE, M.A., Denbigh Hall.

KATHARINE MARY PEEK, A.B., Merion Hall.

ESTHER LOWREY RHOADS, A.B., Wyndham.

* Granted leave of absence for the second semester of the year 1928-29.

Director of Halls

MARION MITCHELSON. Office: Rockefeller Hall.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Examining Oculist

HELEN MURPHY, M.D. Office: 1427 Spruce Street, Philadelphia.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1928-29

TEACHING

MARION EDWARDS PARK,* PH.D., LL.D., *President of the College.*

A.B., Bryn Mawr College, 1898, M.A., 1899, and Ph.D., 1918. Holder of the Bryn Mawr European Fellowship, 1898-99, and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06, and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B., Cornell University, 1877; studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81; Ph.D., University of Zurich, 1882. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94; President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING,† PH.D., *Dean of the College and Acting President-elect.*

A.B., Bryn Mawr College, 1915; M.A., Yale University, 1916, and Ph.D., 1924. Dean of Bryn Mawr College, 1917-19, and Acting President, 1919-20.

MARGARET MILLICENT CAREY, PH.D., *Acting Dean of the College and Associate in English.*

A.B., Bryn Mawr College, 1920; Ph.D., Johns Hopkins University, 1926. Secretary in Y. W. C. A., Baltimore, 1920-21; Graduate Student, Newnham College, Cambridge University, 1921-22; and Johns Hopkins University, 1923-26. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-23.

EUNICE MORGAN SCHENCK, PH.D., *Professor of French and President's Representative for Graduate Students and Dean-elect of the Graduate School.*

A.B., Bryn Mawr College, 1907, and Ph.D., 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10, and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble, and in Madrid, 1910-12; Dean of Bryn Mawr College, 1916-17.

WILMER CAVE WRIGHT,‡ PH.D., *Professor of Greek.*

Shrewsbury, England. Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94, and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96.

JAMES H. LEUBA,* PH.D., *Professor of Psychology.*

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

HENRY NEVILL SANDERS, PH.D., *Alumnæ Professor of Greek.*

Edinburgh, Scotland. A.B., Trinity University, Toronto, 1894, and M.A., 1897; Ph.D., Johns Hopkins University, 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902.

WILLIAM BASHFORD HUFF, PH.D., *Marion Reilly Professor of Physics and Holder of The Marion Reilly Grant.*

A.B., University of Wisconsin, 1889; M.A., University of Chicago, 1896; Ph.D., Johns Hopkins University, 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01, and Instructor in Physics, 1901-02.

WILLIAM ROY SMITH,* PH.D., *Professor of History.*

A.B., University of Texas, 1897, and M.A., 1898; Ph.D., Columbia University, 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence for the second semester of the year 1928-29.

‡ On leave of absence for the year 1928-29.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnae Professor of English.*

A.B., Bryn Mawr College, 1893; University of Oxford, England, and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95.

DAVID HILT TENNENT, Ph.D., *Professor of Biology and Holder of the Constance Guyot Cameron Ludington Grant.*

B.S., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904, and 1912.

JAMES BARNES, Ph.D., *Professor of Physics.*

Halifax, Nova Scotia. B.A., Dalhousie University, Honours in Mathematics and Physics, 1899, and M.A., 1900; Ph.D., Johns Hopkins University, 1904. Holder of 1851 Exhibition Science Research Scholarship, 1900-03; Fellow, Johns Hopkins University, 1903-04, and Instructor in Physics, 1904-06; Research Fellow, University of Manchester, 1915.

THEODORE DE LEO DE LAGUNA, Ph.D., *Professor of Philosophy.*

A.B., University of California, 1896, and M.A., 1899; Ph.D., Cornell University, 1901; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.

MARION PARRIS SMITH, * Ph.D., *Professor of Economics and Politics.*

A.B., Bryn Mawr College, 1901, and Ph.D., 1903. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.

GRACE MEAD ANDRUS DE LAGUNA, Ph.D., *Associate Professor and Professor-elect of Philosophy.*

A.B., Cornell University, 1903, and Ph.D., 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08.

REGINA KATHARINE CRANDALL, Ph.D., *Margaret Kingsland Haskell Professor of English Composition.*

A.B., Smith College, 1890; Ph.D., University of Chicago, 1902. Graduate Student, University of Chicago, 1893-94, and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900.

SAMUEL CLAGGETT CHEW, * Ph.D., *Professor of English Literature.*

A.B., Johns Hopkins University, 1909, and Ph.D., 1913. Fellow, Johns Hopkins University, 1910-12; English Master, Hotchkiss School, Lakeville, Conn., 1913-14.

SUSAN MYRA KINGSBURY, * Ph.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B., College of the Pacific, 1890; M.A., Leland Stanford Jr. University, 1899; Ph.D., Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate, and Professor in Economics, Simmons College, and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art.*

A.B., Bryn Mawr College, 1896, and M.A., 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97, and Fellow in English, 1897-98; Collège de France, First Semester, 1898-99.

RHYS CARPENTER, † Ph.D., *Professor of Classical Archaeology.*

A.B., Columbia University, 1909, and Ph.D., 1916; B.A., University of Oxford, 1911, and M.A., 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies in Athens, 1912-13; Absent for Military Service, 1917-19.

CHARLES GHEQUIERE FENWICK, Ph.D., *Professor of Political Science.*

A.B., Loyola College, 1907; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.

HOWARD LEVI GRAY, Ph.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B., University of Rochester, 1897; A.B., Harvard University, 1898, M.A., 1900, and Ph.D., 1907. Instructor in History, Harvard University, 1909-13, and Assistant Professor of History, 1914-15. Absent for Government Service, 1918-19.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

JAMES LLEWELLYN CRENSHAW,* Ph.D., *Professor of Physical Chemistry.*
A.B., Centre College, 1907, and M.A., 1908; Ph.D., Princeton University, 1911. Assistant
Chemist in the Geo-Physical Laboratory of the Carnegie Institution, Washington, D. C.,
1910-15. Absent for Military Service, 1917-19.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*
London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking,
Johns Hopkins University, 1901; Special Lecturer in Speech, University of California,
1902.

CHARLES WENDELL DAVID, Ph.D., *Professor of European History.*
A.B., University of Oxford, 1911; M.A., University of Wisconsin, 1912; Ph.D., Harvard
University, 1918; Rhodes Scholar, University of Oxford, 1908-11. Instructor in History,
University of Washington, 1915-18.

MARCELLE PARDE, Agrégée des Lettres, Associate Professor of French.
Ecole Normale Supérieure de Sèvres, 1911-14. Teacher in the Lycée Chaumont, Haute
Marne, 1915-19; Student in the Sorbonne, 1911-16; *Agrégée des lettres*, University of
Paris, 1917.

FRANZ SCHRADER, Ph.D., *Associate Professor of Biology.*
B.S., Columbia University, 1914, and Ph.D., 1919. Scientist for the Bureau of Fisheries,
Department of Commerce, Washington, D. C., 1915-16, and summer of 1917; and
Pathologist, 1919 to January 31, 1921. Assistant in Zoology, Columbia University,
1918-19.

MARY HAMILTON SWINDLER, Ph.D., *Associate Professor of Latin and Classical Archaeology.*

A.B., University of Indiana, 1905, and M.A., 1906; Ph.D., Bryn Mawr College, 1912.
Graduate Scholar in Greek, Bryn Mawr College, 1906-07, and Fellow in Greek, 1907-09;
Mary E. Garrett European Fellow and Student, University of Berlin and the American
School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of
Indiana, summers, 1911, 1913.

SUSAN HELEN BALLOU,* Ph.D., *Associate Professor of Latin.*

Ph.B., University of Chicago, 1897; Ph.D., University of Giessen, 1912. Graduate Scholar
in Latin, University of Chicago, 1897-98, Assistant in Latin, 1898-1900, and Associate in
Latin, 1901-07; Traveling Fellow of the Association of Collegiate Alumnae at the American
School of Classical Studies, Rome, 1901-02; Student of Paleography in Rome,
1903-04, and Carnegie Research Fellow in Latin Literature, American School of Classical
Studies, Rome, 1905-06; Student, Universities of Göttingen and Giessen, 1910, 1911;
Instructor in Latin, University of Chicago, 1907-15; in charge of Latin Department,
Michigan Western State Normal School, 1915-17; Instructor in History, University of
Wisconsin, 1917-20.

HORACE ALWYNE, F.R.M.C.M., *Professor of Music and Director of the Department of Theoretical Music.*

Manchester, England. Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold
Medallist and graduate (with distinction) of Royal Manchester College of Music, England,
1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music,
Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School
of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England)
and Professor Michael von Zadora (Berlin).

ROGER HEWES WELLS, Ph.D., *Associate Professor of Economics and Politics.*

A.B., Northwestern University, 1916; M.A., Harvard University, 1921, and Ph.D., 1923.
Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in
Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College,
1922-23; Guggenheim Fellow in Germany, 1927-28.

DAVID VERNON WIDDER, Ph.D., *Associate Professor of Mathematics.*

A.B., Harvard University, 1920, M.A., 1923, and Ph.D., 1924. Instructor in Mathematics,
Harvard University, 1921-23; National Research Fellow, University of Chicago, 1926-27.

JOSEPH E. GILLET, Ph.D., *Associate Professor and Professor-elect of Spanish.*

Ph.D., University of Liège, 1910. Assistant Lecturer in French, University of Edinburgh,
1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13;
Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative
Literature and Romance Languages, University of Illinois, 1915-18; absent for Military
Service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Languages,
University of Minnesota, 1921-24; Visiting Professor, Princeton University,
1928-29 (Semester II).

* On leave of absence for the year 1928-29.

HORNELL HART, PH.D., Associate Professor of Social Economy.

A.B., Oberlin College, 1910; M.A., University of Wisconsin, 1914; Ph.D., University of Iowa, 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21; Research Associate Professor in Sociology in the University of Iowa, and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24.

AGNES LOW ROGERS, PH.D., Professor of Education and Psychology.

M.A., St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25.

MAX DIEZ, PH.D., Associate Professor of German Literature.

A.B., Washington University, 1909, and M.A., 1910. Ph.D., University of Texas, 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War Service, 1918-19; Professor of German, Centre College, 1921-25.

LOUIS FREDERICK FIESER, PH.D., Associate Professor of Chemistry.

A.B., Williams College, 1920; M.A., Harvard University, 1921, and Ph.D., 1924; Assistant in Chemistry, Harvard University, 1921-22; Harris Fellow in Chemistry, 1922-23; and Sheldon Travelling Fellow, and student, Universities of Frankfurt and Oxford, 1924-25.

HENRY JOEL CADBURY, PH.D., Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.

A.B., Haverford College, 1903; M.A., Harvard University, 1904, and Ph.D., 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26.

ERNST DIEZ, * PH.D., Associate Professor of the History of Art.

Vienna, Austria. Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919, and Associate Professor, 1924-26.

LILY ROSS TAYLOR, PH.D., Professor of Latin.

A.B., University of Wisconsin, 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Latin, 1906-07, and Fellow in Latin, 1907-08; Reader and Demonstrator in Archaeology, Bryn Mawr College, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20. Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25, and Professor, 1925-27.

GRACE FRANK, A.B., Non-resident Associate Professor of Romance Philology.

A.B., University of Chicago, 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19.

MARGARET GILMAN, PH.D., Associate in French.

A.B., Bryn Mawr College, 1919, M.A., 1920, and Ph.D., 1924. Graduate Scholar in French, 1919-20, and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres, and Student, University of Paris, 1922-23.

CHARLES SPARLING EVANS, PH.D., Associate in Geology.

B.A.Sc., University of British Columbia, 1924; Ph.D., Princeton University, 1927. Graduate Student, Princeton University, 1924-26, and Fellow in Geology, 1926-27.

VITO G. TOGLIA, M.A., Associate in Italian.

A.B., Harvard University, 1912, and M.A., Columbia University, 1921. Teacher of Latin, Ancient History and Italian in secondary schools, New York City, 1912-20; Graduate Student and Instructor in Italian, Columbia University, 1920-27.

RUTH GEORGE, A.B., Associate in English.

A.B., Cornell University, 1911. Assistant Reader in English, Bryn Mawr College, 1911-12; Teacher in the District School, Scottsdale, Ariz., 1912-14; at Miss Madeira's School, Washington, D. C., 1915-19; at Miss Ransom and Miss Bridges' School, Piedmont, California, 1919-21, 1923-24, and 1925-27; at the Shipley School, Bryn Mawr, 1924-25.

* Granted leave of absence for the second semester of the year 1929-30.

PRENTICE DUELL,* M.Arch., *Lecturer and Associate Professor-elect of Archaeology.*

A.B., University of California, 1916; M.Arch., Harvard University, 1923. Absent for Military Service, 1917-19; Student, University of Pennsylvania, School of Architecture, 1919-20; Instructor in Architectural History, University of Illinois, 1921-22; Charles Eliot Norton Fellow from Harvard University, American School of Classical Studies in Athens, 1923-25; Assistant Professor of History of Architecture, University of Cincinnati, 1925-26, and Professor of History of Architecture, 1926-27.

ILSE FOREST, Ph.D., *Associate Professor of Education.*

B.S., Teachers College, Columbia University, 1922; M.A., 1923; Ph.D., Columbia University, 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27.

STEPHEN JOSEPH HERBEN, Ph.D., *Associate Professor of English.*

B.Litt., Rutgers University, 1920; M.A., Princeton University, 1921, and Ph.D., 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28.

FRITZ MEZGER, Ph.D., *Associate Professor of Germanic Philology.*

Ph.D., University of Berlin, 1921. Studied at the University of Tübingen, 1911-12; University of Munich, 1912-13; University of Geneva, 1913; University of Paris, 1913-14; University of Munich, 1919; University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28.

ELEANOR GRACE CLARK, Ph.D., *Associate in English.*

A.B., Oberlin College, 1918, and M.A., 1918; Ph.D., Bryn Mawr College, 1928. Teacher of English, St. Helen's Hall, Portland, Ore., 1918-20, and the Friends School, Moorestown, N. J., 1922-23; Graduate Student, Bryn Mawr College, 1921-24; Reader in English, 1923-24; Student, University of London, and Helene and Cecil Rubel Foundation Fellow, 1924-25. Reader in English, Bryn Mawr College, 1925-26, and Instructor, 1926-27. Graduate Scholar in English, 1927-28.

THOMAS ROBERT SHANNON BROUGHTON, Ph.D., *Associate in Latin.*

A.B., University of Toronto, 1921, and M.A., 1922; Ph.D., Johns Hopkins University, 1928. Student, University of Chicago, spring 1922, and 1923, and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27.

MARLAND PRATT BILLINGS, Ph.D., *Associate and Associate Professor-elect of Geology.*

A.B., Harvard University, 1923; M.A., 1925; and Ph.D., 1927. Assistant in Geology, Harvard University, 1922-25, and Instructor in Geology, 1925-28.

JEAN M. F. CANU, *Agrégé de l'Université, Associate Professor of French.*

Paris, France. *Licencié-ès-lettres*, 1917, and *Agrégé de l'Université*, University of Paris, 1920. Professor, the Lycée of Algiers, 1920-21, the Lycée of Beauvais, 1921-23, the Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28.

HARRY HELSON, Ph.D., *Associate Professor of Experimental Psychology.*

A.B., Bowdoin College, 1921; M.A., Harvard University, 1922, and Ph.D., 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28.

ELEANOR LANSING DULLES, Ph.D., *Associate in Social Economy and Social Research.*

A.B., Bryn Mawr College, 1917, and M.A., 1920; Ph.D., Radcliffe College, 1926. Relief Worker in Paris, 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gemby, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22, and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28.

DOROTHEA EGGLESTON SMITH, Ph.D., *Lecturer and Associate-elect in Physiology and Biochemistry.*

A.B., Radcliffe College, 1913; M.A., 1924; and Ph.D., 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27.

* Granted leave of absence for the year 1929-30 to hold Guggenheim Fellowship in Italy.

ERNEST WILLOUGHBY, A.R.C.M., *Instructor and Associate-elect in Music*. Hereford, England. A.R.C.M., London, 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society, and Hereford Musical Festival.

MARGUERITE LEHR, PH.D., *Instructor and Associate-elect in Mathematics*. A.B., Goucher College, 1919; Ph.D., Bryn Mawr College, 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22; Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow, and Student, University of Rome, 1923-24.

MARY SUMMERFIELD GARDINER, PH.D., *Instructor in Biology and Assistant to the Dean and Associate-elect in Biology*.

A.B., Bryn Mawr College, 1918, M.A., 1924 and Ph.D., 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24, and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1921-24 and 1925-27; Graduate Student, University College, London, 1924-25.

ROBERT ELSON TURNER, M.A., D.U.P., *Associate-elect in French*.

A.B., University of Washington, 1923, and M.A., 1924; D.U.P., University of Paris, 1926. Teaching Fellow, University of Washington, 1923-24, and Instructor, University of Pennsylvania, 1926-29.

RALPH STEWART, PH.D., *Associate-elect in Geology*.

A.B., University of Washington, 1923; Ph.D., Johns Hopkins University, 1928. Graduate Student, University of California, 1923-25; Research Worker, Academy of Natural Sciences, Philadelphia, 1925-26 and Semester II, 1928-29; Student Assistant and Graduate Student, Johns Hopkins University, 1926-28.

ENID GLEN, PH.D., *Associate-elect in English*.

A.B., University of Manchester, 1923; University Teachers' Diploma, 1924, and Ph.D., 1926. Graduate Scholar in English, University of Manchester, 1923-24, and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29.

CAMILLO P. MERLINO, PH.D., *Associate-elect in Italian*.

Ph.D., Harvard University. Instructor in the Romance Language Department, University of California, 1928-29.

BEVERIDGE JAMES MAIR, PH.D., *Lecturer in Chemistry*.

A.B., University of Alberta, 1924; Ph.D., Harvard University, 1928. Part-time Student and part-time Assistant in Chemistry, Harvard University, 1924-28.

NATALIE GIFFORD, PH.D., *Lecturer in Greek*.

A.B., Radcliffe College, 1918; M.A., 1927, and Ph.D., 1928. Teacher in public schools, 1918-20; Student in the School of Education, Harvard University, 1920-21; Teacher in the High School, Wayland, Massachusetts, 1921-22 and 1923-24; Charles Eliot Norton Fellow, American School at Athens, 1922-23; Instructor in Greek, Smith College, 1924-26; Student, Radcliffe College, 1926-28.

LOUISE ADAMS HOLLAND, PH.D., *Lecturer in Latin*.

A.B., Barnard College, 1914; M.A., 1915; Ph.D., Bryn Mawr College, 1920. Instructor in Latin, Smith College, 1918-21, and Assistant Professor of Latin, 1921-24, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27.

KATHARINE GARVIN, M.A., *Instructor and Lecturer-elect in English*.

A.B., Oxford University, 1926, and M.A., University of Michigan, 1927. Riggs Fellow, the University of Michigan, 1926-27.

EDWARD STAUFFER KING, M.F.A., *Lecturer-elect in the History of Art, Semester II*.

A.B., Princeton University, 1923, and M.F.A., 1928. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25, and Instructor in the History of Art, 1925-26. Graduate Student, Princeton University, 1926-28. Holder of a Guggenheim Fellowship and student in France, 1928-29.

CLARENCE LEUBA, M.A., *Lecturer-elect in Psychology*.

A.B., Haverford College, 1919; M.A., Harvard University, 1920; Ph.D., Syracuse University (to be conferred), June, 1929. Member of the Friends Relief Committee in Germany, 1921-22; Graduate Student, Harvard University, 1922-23; in business, 1923-27; Instructor in Psychology, Syracuse University, 1928-29.

CHARLES H. MORGAN, Ph.D., *Lecturer-elect in Archaeology.*

A.B., Harvard University, 1924, M.A., 1926, and Ph.D., 1928. Tutor and Assistant in Fine Arts, Harvard University, 1924 to January, 1927; Holder of the John Harvard Fellowship (studying abroad), Semester II, 1926-27; Student, the American School of Classical Studies at Athens, 1928-29.

JULIAN SMITH DUNCAN, M.A., *Lecturer-elect in Economics and Politics.*

A.B. and M.A., University of Mississippi; B.S., Emory University. Graduate Student in Economics, Columbia University, and Part-time Instructor, Columbia University and the American Institute of Banking, Semester I, 1928-29; Instructor, Hunter College, Semester II, 1928-29.

BARRETT H. CLARK, *Non-resident Lecturer in English.*

Student, University of Chicago, 1908-09 and 1911-12, and University of Paris, 1910. Actor and Assistant Stage Manager with Mrs. Fiske, 1912-13; Instructor in Drama, Chautauqua, New York, 1909-17; Literary Editor for Samuel French and Dramatic Editor of *Drama Magazine*.

ANNA JOHNSON PELL-WHEELER, Ph.D., *Non-resident Lecturer in Mathematics.*

A.B., University of South Dakota, 1903; M.S., University of Iowa, 1904; M.A., Radcliffe College, 1905; Ph.D., University of Chicago, 1910; Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14, and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics, Bryn Mawr College, 1918-25 and Professor of Mathematics, 1925-27.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B., Oberlin College, 1912; M.A., University of Chicago, 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D.C., 1918-19; Director, Department of Research and Investigation, Women's Coöperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925-28.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B., Bryn Mawr College, 1898, and M.A., 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99, and 1904-06, and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College, and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B., Radcliffe College, 1914; M.A., University of California, 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19, and Graduate Student, 1916-17.

ABBY KIRK, A.B., *Instructor in Elementary Greek.*

A.B., Bryn Mawr College, 1892. Reader in English, Bryn Mawr College, 1892-93; Associate Principal and Teacher of English and Classics, the Misses Kirk's School, Bryn Mawr, 1899—.

SALLY HUGHES SCHRADER, Ph.D., *Instructor in Biology, Semester I.*

Pacific University, 1913-15; B.S., Grinnell College, 1917; Ph.D., Columbia University, 1924; Instructor in Zoölogy, Grinnell College, 1918-19, and Lecturer in Zoölogy, Barnard College, 1920-21.

MARTHA MEYSENBURG DIEZ, M.A., *Instructor in German.*

A.B., University of Texas, 1918; M.A., Bryn Mawr College, 1928.

HORTENSE FLEXNER KING, M.A., *Instructor in English.*

A.B., University of Michigan, 1907; M.A., 1910.

MARGARET STORRS, A.B., *Instructor in English.*

A.B., Smith College, 1922. Reader in Philosophy and Psychology and Graduate Student, Bryn Mawr College, 1922-23, and Graduate Scholar in Philosophy, 1923-24; Graduate Student, University College, London, 1924-25; Non-resident Fellow in Philosophy, Bryn Mawr College, 1925-26, and Fellow by Courtesy, 1926-27.

MIRIAM GRUBB BROWN, A.B., *Instructor in Italian.*

A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27.

CECELIA IRENE BAECHELE, M.A., *Instructor in Education.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seiler School, Harrisburg, Pa., 1914, in the High School, York, Pa., 1914-19, and in the Thorne School, 1919-.

MARGARET DENT DAUDON, A.B., *Instructor in French.*

A.B., Bryn Mawr College, 1920.

RUTH J. HOFRICHTER, Ph.D., *Instructor in German.*

Ph.D., University of Heidelberg, 1921. Head of Modern Language Department, Midland College, Nebraska, 1922-25; Assistant in the German Department, University of Nebraska, 1927.

LETITIA J. H. GRIERSON, M.A., *Instructor in English.*

B.A., University of Edinburgh, 1923 and M.A., 1924. Graduate Student, University of Cambridge, 1924-26. Assistant in the English Department, Edinburgh University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28.

EDITH FINCH, M.A., *Instructor in English.*

A.B., Bryn Mawr College, 1922. B.A., Oxford University, 1924, and M.A., 1928. Reader in English, Bryn Mawr College, 1924-25; Student in Paris with Professor Lucien Foulet, 1925-26; Graduate Student, Bryn Mawr College, 1926-27.

MARIE H. SCHNIEDERS, A.B., *Instructor in German.*

A.B., Barnard College, 1927. Teacher, New York City High School, 1927-28.

CHARLOTTE FINKENTHAL, A.B., *Instructor in German.*

A.B., Western Reserve University, 1925. Instructor in German and French, Cleveland High School, 1925-28.

FRANCES MARGUERITE CLARKE, Ph.D., *Instructor and Research Assistant-elect in Education.*

A.B., Barnard College, 1924; M.A., Columbia University, 1925, and Ph.D., 1928. Graduate Student, Columbia University, 1924-25; Instructor, Bradford Academy and Junior College, 1925-26; Research Student, British Museum and Public Record Office of London, 1926, 1927; Graduate Student, Columbia University, 1926-28; Assistant in History of Education, Teachers College, 1926-28, and Instructor in History and Principles of Education, Montessori Normal School, Child Education Foundation Training School, New York, 1927-28.

HENRY HOWES PIXLEY, M.A., S.M., *Instructor in Mathematics.*

A.B., Stetson University, 1923, and M.A., 1924; S.M., University of Chicago, 1927. Instructor in Mathematics, Georgia School of Technology, 1924-26; Instructor in Mathematics, Rutgers University, 1927-28.

IVY CAROLINE ROBBINS, Ph.D., *Instructor in History, Semester II.*

B.A., University of London, 1924; Ph.D., 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28.

MYRA RICHARDS JESSEN, A.B., *Instructor-elect in German.*

A.B., Bryn Mawr College, 1915. Graduate Student, Bryn Mawr College, 1919-20, 1922-24; Teacher, Friends' Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College, 1923-28. Anna Otten-dorfer Memorial Research Fellow, 1928-29.

EDITH FISHTINE, A.B., *Instructor-elect in Spanish.*

A.B., Boston University, 1925. Student, University of Paris, 1925-26; Teacher of Spanish, Donald McKay Junior High School, Boston, and Cambridge Haskell School, 1926-27, and Graduate Student, Radcliffe College, Semester II, 1926-27; Instructor in Spanish and Graduate Student, Bryn Mawr College, 1927-28; Fellow in Spanish, 1928-29.

ROSE LUCILE ANDERSON, A.B., *Instructor-elect in Mathematics.*

A.B., Mount Holyoke College, 1922. Graduate Scholar in Mathematics, Bryn Mawr College, 1922-23, Fellow in Mathematics, 1923-24, and Fellow by Courtesy, 1924-25. Holder of the Mary E. Garrett European Fellowship and Student, University of Cambridge, 1925-26. Instructor in Mathematics, University of Rochester, 1927-28; Instructor in Mathematics, Hunter College, 1928-29.

LILIAN RUTH DAVIDSON, M.A., *Instructor-elect in German.*

A.B., Hunter College, 1928; M.A., New York University (to be conferred), 1929.

ELEANOR ALICE ROSSBACH, M.A., *Assistant-elect in German.*

A.B., Ohio State University, 1926, and M.A., 1928. Associate in German, Ohio State University, 1928-29.

JANET SEELEY, A.B., *Reader in Psychology.*

A.B., Bryn Mawr College, 1927.

MAUDE M. FRAME, A.B., *Reader in Philosophy.*

A.B., University of Pennsylvania, 1927.

MARGARETTA MATHILDA SALINGER, A.B., *Reader in History of Art.*

A.B., Bryn Mawr College, 1928.

ELLENOR MORRIS, A.B., *Reader-elect in History of Art.*

A.B., Bryn Mawr College, 1927.

ELEANOR LOWENSTEIN, *Reader-elect in Psychology.*

A.B., Cornell University (to be conferred) June, 1929.

CHARLOTTE EDNA WEBSTER, M.A., *Demonstrator in Geology.*

A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar in Geology and Assistant in Geology, Oberlin College, 1926-28.

JANE FRANCES FAISSLER, A.B., *Demonstrator in Psychology.*

A.B., University of Illinois, 1926. Scholar in Psychology, Bryn Mawr College, 1926-27, and Fellow in Psychology, 1927-28.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication.*

A.B., Bryn Mawr College, 1905.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College.*

A.B., University of Toronto, 1912; B.Sc., Simmons College, 1917.

DOROTHY MACDONALD, A.B., *Assistant to the President.*

A.B., Bryn Mawr College, 1917.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.*

A.B., University of Illinois, 1909; B.L.S., New York State Library School, 1904. Librarian, The Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12.

MARY LOUISE TERRIEN, A.B., *Circulation and Reference Librarian.*

A.B., Smith College, 1905. Simmons College Library School, Boston, Mass., 1914-15

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*

A.B., Radcliffe College, 1905; B.S., Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28.

MAE EDNA LITZENBERGER, A.B., B.S., *Assistant Cataloguer.*

A.B., Mount Holyoke College, 1924; B.S., Simmons College, 1925.

MAUDE LOIS HASKELL, A.B., B.S., *Assistant Cataloguer.*

A.B., Mount Union College, 1927; B.S. in L.S., School of Library Science, Western Reserve University, 1928.

EDITH ARMSTRONG WRIGHT, A.B., B.S., *Assistant to the Circulation and Reference Librarian.*

A.B., Mount Holyoke College, 1927, B.S. in L.S., Drexel Institute, 1928.

HALLS OF RESIDENCE

FRIEDRIKA MARGRETHE HEYL, A.B., *Warden of Radnor Hall.*

A.B., Bryn Mawr College, 1899. Teacher of German and Student, State Normal School, Fredonia, N. Y., 1899-1900; Teacher, the Balliol School, Utica, N. Y., 1900-01, and Secretary, 1901-08; Warden of Merion Hall, Bryn Mawr College, 1908-10; Assistant to the Dean of Women, Michigan Agricultural College, 1916-18; Secretary to the Adviser of Women, Cornell University, 1918-20.

JOSEPHINE MCCULLOCH FISHER, A.B., *Head Warden of Pembroke Hall.*

A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27.

KATHERINE MARY PEEK, A.B., *Warden of Merion Hall.*

A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27.

ESTHER LOWREY RHOADS, A.B., *Warden of Wyndham.*

A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager of the *Alumnae Bulletin* and Graduate Student, Bryn Mawr College, 1924-26. Student in Paris, 1926-27.

HELEN BOND CRANE, M.A., *Warden of Denbigh Hall.*

A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Student, National School of the Young Woman's Christian Association, New York City, 1912; Associate Educational Secretary, Student Volunteer Movement, 1919-24; Research with graduate student at Harvard for a thesis on "Obstacles to Economic Progress in China," and Editorial Work, 1926-28.

JULIA WARD, A.B., *Warden of Rockefeller Hall.*

A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27. Warden of East House, 1924-25; of Rockefeller Hall, 1925-27. Holder of Fanny Bullock Workman European Fellowship, 1927-28.

GRACE EVANS RHOADS, A.B., *Assistant Warden of Pembroke Hall.*

A.B., Bryn Mawr College, 1922. Teacher of English, Wilmington Friends' School, Wilmington, Del., 1926-27. Graduate Student in Education, Columbia Teachers' College, summer, 1925, and at the University of Geneva (Institute of Higher International Studies), Geneva, 1927-28.

KATHARINE ELISE MCBRIDE, M.A., *Warden-elect of Wyndham.*

A.B., Bryn Mawr College, 1925 and M.A., 1927. Reader in Psychology, Semester I, and Demonstrator in Educational Psychology, Semester II, 1925-27. Graduate Student in Psychology, Columbia University, 1928-29.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident-elect of Radnor Hall.*

A.B., Bryn Mawr College, 1920, and M.A., 1921.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; and Columbia University, summer, 1928.

JANET SEELEY, A.B., *Instructor in Physical Education.*

A. B., Bryn Mawr College, 1927.

HEALTH DEPARTMENT

HELEN TAFT MANNING,* Ph.D., *Head of Health Department, Semester I.***MARGARET MILLICENT CAREY, Ph.D., *Head of Health Department, Semester II.*****MARION EDWARDS PARK, Ph.D., *Ex-officio.*****THOMAS F. BRANSON, M.D., *Physician-in-Chief.***

A.B., Haverford College, 1889; M.D., University of Pennsylvania, 1892. Attending Physician, Bryn Mawr Hospital.

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B., Bryn Mawr College, 1918; M.D., University of Pennsylvania, 1922. Interne, Philadelphia General Hospital, 1920-24.

JOSEPHINE PETTS, *Director of Physical Education.*

* Granted leave of absence for the second semester of the year 1928-29.

HELEN MURPHY, M.D., *Examining Oculist.*

M.D., Woman's Medical College of Pennsylvania, 1893. Assistant Demonstrator in Histology, Woman's Medical College of Pennsylvania, 1894-96; Instructor in Materia Medica, 1896-1902; Instructor in Diseases of the Eye, Philadelphia Polyclinic and College for Graduates in Medicine, 1895-97.

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

MARION MITCHELSON, *Director of Halls.*

Hall Manager, Pembroke Hall, Bryn Mawr College, 1923-28

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

PHEBE ANNA THORNE SCHOOL

1928-29

AGNES LOW ROGERS, Ph.D., *Director.*

M.A., St. Andrews University, Scotland, 1908; Ph.D., Columbia University, 1917. Graduate in Honours, Moral Science Tripos, University of Cambridge, 1911; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow and Assistant in Philosophy of Education, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25. Professor of Education and Psychology, Bryn Mawr College.

FRANCES BROWNE, A.B., *Head Mistress.*

A.B., Bryn Mawr College, 1909. Teacher, Organic School for Education, Fairhope, Ala., 1913-14; Phebe Anna Thorne School, 1914-15, City and Country School, New York City, 1915-19, Primary School, Cleveland, O., 1921-22, and Head of the Frances Browne School, New York City, 1922-23.

CECELIA IRENE BAECHELE, M.A., *Assistant Head Mistress and Head of the English Department.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher, the Seiler School, Harrisburg, Pa., 1914, and the High School, York, Pa., 1914-19.

MARY KATHARINE WOODWORTH, M.A., *Assistant Teacher of English.*

A.B., Bryn Mawr College, 1924, and M.A., 1927. Student, Johns Hopkins University, and Teacher of English, Bryn Mawr School, Baltimore, 1924-25. Graduate Student in English, Bryn Mawr College, 1925-29.

CHEVES WEST PERKY, Ph.D., *Teacher of Painting, Drawing, Modeling and Crafts.*

B.S., Teachers College, New York City, 1901. Teacher, the Horace Mann School, 1901-02; Teacher, St. Agnes' School, Albany, N. Y., 1902-04; Student, Cornell University, 1904-08, and Ph.D., 1918; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25.

ANNIE BRAME, M.A., *Teacher of Mathematics and Physics.*

A.B., Randolph-Macon Woman's College, 1914. M.A., Columbia University, 1925. Student, University of Virginia, summers 1916, 1920; Columbia University, summer 1923; winter 1924-25. Teacher, the High School, Camden, Ark., 1914-18; High School, Texarkana, Ark., 1918-19; High School, Lexington, Va., 1919-24; High School, Succasunna, N. J., 1925-26.

CHARLOTTE ERWIN RENSHAW, *Teacher in Primary Department.*

Kindergarten and Primary Certificate, Wheelock Training School, Boston, Mass., 1925.

MARGARET R. REINHOLD, A.B., *Assistant Teacher of Arithmetic.*

A.B., Sweet Briar College, 1926. Student, University of Pennsylvania, summer, 1926. Graduate Student, Bryn Mawr College, 1927-29.

PAULINE S. RELYEA, A.B., *Teacher of History.*

A.B., Smith College, 1924. Teacher, the Easthampton High School, Easthampton, Mass., 1924-26; Reader in American History, Smith College, 1925-26; Teacher, the Rome Senior High School, Rome, N. Y., 1926-27. Graduate Student, Bryn Mawr College, 1927-29.

SAMUEL ARTHUR KING, M.A., *Teacher of Reading.*

London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College.

HENRIETTA WAGNER HORTER, *Teacher of Music.*

Teacher of Music and Assistant Director, Leschetizky School of Music, Philadelphia, 1921-25.

EVE ALGER BRILL, B.S., *Teacher of the Pre-School Class.*

B.S., Teachers College, Columbia University, 1928. Student, Ursinus College, 1922-24; Pennsylvania School of Social and Health work, 1925-27; Teachers College, Nursery School Department, Columbia University, 1927-28. Case Worker, Family Society of Philadelphia, 1925-27. Graduate Student, Bryn Mawr College, 1928-29.

EVALYN M. PAXSON, A.B., Assistant Teacher of Class I.

A.B., Vassar College, 1924; Graduate Student, University of Pennsylvania, summer of 1924. Teacher of Third Grade, Germantown Friends' School, 1924-26, and of Fourth Grade, 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

JEANNE MARIE LOUISE CHARLES, Baccalauréat, Teacher of French.

Baccalauréat Latin—Langues Vivantes, Sorbonne, 1922, and Philosophie, 1924; Brevet d'enseignement de l'Académie de Paris, 1918; Ecole de Droit, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

MARGARET DENT DAUDON, A.B., Teacher of French.

A.B., Bryn Mawr College, 1920.

DOROTHY ELLENE ILLSLEY, Primary Teacher.

Student, Provincial Normal College, Truro, Nova Scotia, 1917, North Sydney School, Nova Scotia, 1918-23, and Port Williams School, Nova Scotia, 1925-27. Graduate Student in Primary Education, Columbia University, summer, 1928.

GERTRUDE E. MALZ, Ph.D., Teacher of Latin.

A.B., Swarthmore College, 1923; M.A., University of Wisconsin, 1924, and Ph.D., 1928; Assistant in Latin, University of Wisconsin, 1924-25; Instructor in Latin, University of Cincinnati, 1925-26; Fellow in Greek, University of Wisconsin, 1926-28. Graduate Student, Bryn Mawr College, 1928-29.

LILY DALLAN TOWNSEND, Teacher of Geography.

Student, Hollins College, Va., 1906; Teacher of Dramatics and Physical Education, Miss Ellet's School (now St. Catherine's School), Richmond, Va., 1906-10; Teacher of English and Fourth Grade, Springside School, Chestnut Hill, Pa., 1918-21; Director of the Garden Country Day School, Long Island, N. Y., 1923-25.

DORIS WULFF, A.B., Teacher of Eurhythmics.

A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute, Geneva, Switzerland, 1928. Graduate Student, Bryn Mawr College, 1928-29.

JOSEPHINE TOWNSEND MILLER, Teacher of the Connecting Class.

Primary Assistant and Office Assistant, The Phebe Anna Thorne School, 1924-25, 1926-28.

MARGARETTA C. FRETZ, Teacher in the Primary School.

Graduate, Miss Wheelock's Training School, Boston, 1925; Student, London County Council School and University of London, 1927-28. Teacher of History, Miss Wheelock's Training School, 1925-27. Teacher of work in the primary grades, Miss Wheelock's Training School, 1925-26.

RUTH M. COLLINS, A.B., Apprentice Teacher in English.

A.B., Mills College, 1927. Graduate Student, University of California, 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

JOSEPHINE PETTS, Teacher of Gymnastics and Sports and Games.

Graduate of Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Central School of Hygiene and Physical Education, New York, 1919-22; Teachers College, Columbia University, 1922-28.

JANET SEELEY, A.B., Gymnasium Assistant.

A.B., Bryn Mawr College, 1927.

MARNA V. BRADY, M.A., Gymnasium Assistant.

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; Columbia University, summer, 1928.

JOHN MCK. MITCHELL, M.D., Physician of the Thorne School.

B.A., Trinity, 1920. M.D., Yale University, 1924. Instructor in Pediatrics, Yale University School of Medicine and Resident in Pediatrics, New Haven Hospital, 1925-26. Instructor in Pediatrics, University of Pennsylvania School of Medicine, 1927—. Assistant Visiting Pediatrician, University of Pennsylvania Hospital, 1927—.

E. LOUISE HAMILTON, Ph.D., Assistant Director of the Educational Clinic.
B.S., Cincinnati College for Women, 1925; M.A., Columbia University, 1926 and Ph.D., 1928. Graduate Student, Columbia University, 1925-28; and Assistant in Psychology, 1926-27. Clinical Psychologist, N. Y. Post-Graduate Hospital, 1927-28.

HELEN MAITLAND WEBB, Secretary of the Thorne School.

Registrar, Northwood School, Lake Placid Club, N. Y., 1926-28.

DOROTHY E. LUTZ, Assistant in the Offices of the Thorne School.

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1928-29

Committees on Language Examinations

French—

DR. GILMAN
PROFESSOR W. R. SMITH
PROFESSOR GILLET

German—

PROFESSOR M. DIEZ
PROFESSOR E. DIEZ
PROFESSOR M. P. SMITH

Committee on Housing

PROFESSOR M. DIEZ
PROFESSOR G. G. KING
PROFESSOR BARNES

Committee on Curriculum

PRESIDENT PARK, *Chairman*
PROFESSOR DAVID*
PROFESSOR GILLET
PROFESSOR DONNELLY
PROFESSOR WIDDER
PROFESSOR HUFF
PROFESSOR G. DE LAGUNA

Committee on Laboratories

PROFESSOR TENNENT
PROFESSOR FIESER
DR. EVANS

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR FENWICK
PROFESSOR PARDÉ
DR. EVANS

1929-30

Faculty Representatives on the Board of Directors

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PROFESSOR G. G. KING†
PROFESSOR DONNELLY

Committee on Appointments

PROFESSOR CRENSHAW
PROFESSOR T. DE LAGUNA†
PROFESSOR TENNENT
PROFESSOR SCHENCK
PROFESSOR TAYLOR

Committee on Nominations

PROFESSOR HART
PROFESSOR CRANDALL
PROFESSOR TENNENT

Committee on Entrance Examinations

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Chairman
MISS GAVILLER, *ex-officio*
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PROFESSOR TAYLOR
PROFESSOR M. DIEZ
PROFESSOR SCHRADER
TO BE APPOINTED

Committee on Schedules

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PROFESSOR HART
PROFESSOR BARNES
TO BE APPOINTED

Committee on Libraries

PROFESSOR TENNENT
PROFESSOR CADBURY
TO BE APPOINTED

* Substitute for Professor Crenshaw.

† Substitute for Professor Chew.

‡ Granted leave of absence for the year 1929-30.

STANDING COMMITTEES OF THE ACADEMIC COUNCIL
1929-30

*Committee on Graduate
Students*

PRESIDENT PARK*
ACTING PRESIDENT MANNING
Chairman
DEAN SCHENCK, *ex-officio*
PROFESSOR G. DE LAGUNA
PROFESSOR WIDDER
PROFESSOR SCHRADER

*Committee on Graduate
Courses*

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PROFESSOR CADBURY
PROFESSOR CRENSHAW

Committee on Learned Publications

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ACTING PRESIDENT MANNING, *Chairman*
PROFESSOR GRAY
PROFESSOR TENNENT
PROFESSOR SWINDLER

STANDING COMMITTEES OF THE SENATE
1928-29

Executive Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, † *ex-officio*
PROFESSOR W. R. SMITH
Secretary ex-officio
PROFESSOR BARNES‡
PROFESSOR M. P. SMITH
PROFESSOR SCHENCK

Judicial Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, † *ex-officio*
PROFESSOR SCHENCK
PROFESSOR FENWICK
PROFESSOR HUFF

* Granted leave of absence for the year 1929-30.

† Acting Dean Carey substitute for Dean Manning, Semester II.

‡ Substitute for Professor Crenshaw.

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live, and will at any time be glad to answer questions about the college.

CALIFORNIA:

SAN FRANCISCO: MRS. COLIS MITCHUM, *100 Locust Street.*
MRS. CHARLES PRICE DEEMS, *1666 Bush Street.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.
NEW HAVEN: MRS. CHARLES MCLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*
MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Avenue.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *1004 Cathedral Street.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*
CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*
FALL RIVER: MRS. RANDALL NELSON DUFFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MISSOURI:

KANSAS CITY: MRS. CLARENCE MORGAN HARDENBERGH, *3710 Warwick Boulevard.*
ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*
UTICA: MRS. ARTHUR PERCY SAUNDERS, *Clinton.*

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*
CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne, Sewickley.*
MRS. CAROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

UTAH:

SALT LAKE CITY: MISS KATE WILLIAMS, *177 13th East Street.*

WISCONSIN:

MADISON: MRS. MOSES STEPHEN SLAUGHTER, *633 Francis Street.*
ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London.*



PART I

THE UNDERGRADUATE SCHOOL

THE UNDERGRADUATE SCHOOL

The undergraduate school offers courses in ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. The full course of study covers four years and leads to the Bachelor of Arts degree.

Admission of Undergraduate Students

1. All candidates for admission to Bryn Mawr College must pass without qualification certain of the matriculation examinations conducted by the College Entrance Examination Board in accordance with the Board's Plan A. The New Plan (Plan B) is not accepted. The policy of the college is to try to select from among the candidates for admission those of the highest promise; evidences of character and of general ability are therefore required and are carefully considered in relation to scholastic records and examination grades.

*Admission
by
Examina-
tion*

2. Each candidate for admission to Bryn Mawr College must make a formal application. Forms comprising a personal questionnaire, health certificate to be signed by the candidate's physician, and an agreement as to the payment of fees and the observing of college regulations, must be obtained from the Secretary and Registrar. These forms may be obtained after March 15th of the year of entrance and must be filled out and returned to the Secretary and Registrar before May 15. A form for the candidate's school record is sent directly to the principal of her school.

Application

3. If possible, application for rooms, accompanied by the fee of fifteen dollars payable to Bryn Mawr College, should be made as soon as the year of entrance is definitely known by the candidate. In case of doubt it is well to make application for two consecutive years by sending a fee of thirty dollars. Such application does not entitle the candidate to definite assignment of a room until after she has been officially notified in July by the Secretary and Registrar of her admission to college. At this time she will be given a room as nearly as possible in order of her application and with regard to her preference as to room, hall, and rent.

*Room
Application*

4. Candidates for admission to Bryn Mawr College upon honourable dismissal from a college or university whose graduates are eligible for national membership in the American Association of University Women, must present credits equal to the Bryn Mawr College requirements for matriculation. They must, moreover, present a certificate of honourable dismissal and an official statement that they have studied in regular

*Honourable
Dismissal*

college classes for one college year, that they have passed examinations covering at least one year of academic work in a regular college course leading to the degree of Bachelor of Arts, that they are in good standing in said college, and that they would be able to take their degree there in due course.

For some years, however, precedence in admission has been given to candidates who have taken the regular examination for matriculation.

Students of other colleges who have outstanding conditions, or have otherwise failed to meet prescribed standards of academic work, or have been put on probation, have been suspended or excluded, will under no circumstances be admitted to Bryn Mawr College. Such students may not cancel their college work elsewhere, offer the Bryn Mawr College requirements for matriculation and enter Bryn Mawr as Freshman.

Students presenting certificates of honorable dismissal from any college or university not eligible for national membership in the American Association of University Women must take the regular examination for matriculation required by Bryn Mawr. Unless such students inform the Secretary and Registrar of the College at the time of filing their application for examination that they have studied at another college, they will not receive permanent credit.

Hearers

5. Women over twenty-five years of age are admitted as "hearers" without matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly distinguished from regularly matriculated students and must obtain permission from each instructor to attend recitations, examinations, and laboratory exercises; they must satisfy their various professors that they can profit by their elected courses. Hearers are not, strictly speaking, recognized by the college; they are not eligible for degrees, and may receive only such certificates of collegiate study as their various instructors see fit to give.

Matriculation Examinations

The subjects chosen by the college for matriculation examination are counted as 15 points. Candidates may take such examinations in one or in two "divisions." A division consists of one or more examinations taken in a single examination period. If two divisions are taken they must not be separated by more than one calendar year. Any number of subjects may be offered in one division; an entire division may be cancelled and repeated any number of times.

Permanent Credit

"Permanent Credit" is given to candidates who, having offered for examination all the required subjects in one or two divisions, have received a grade of "Passed" (60 per cent or over) in at least 12 of the required 15 points. "Permanent Credit" enables candidates to remove conditions at any time before entering the college by passing the corresponding examinations given by the College Entrance Examination Board.

Candidates not receiving "Permanent Credit" are considered to have cancelled one division and therefore must be examined again in all of the points of the cancelled division.

The autumn examinations of the College Entrance Examination Board are held at Bryn Mawr College beginning on the third Monday of September solely for the purpose of removing conditions. Application for these examinations, accompanied by a fee of \$5 for each condition examination, must be made to the Secretary and Registrar of the college before September 1.

APPLICATION FOR COLLEGE ENTRANCE BOARD EXAMINATIONS

Examination of June 16-21, 1930

The week of examinations begins annually on the third Monday in June; the autumn condition examinations start on the third Monday in September.

Application blanks for the examinations should be obtained from the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, N. Y.

A standard fee of \$10.00, remitted by postal order, express order, or draft on New York, should accompany each application.

In order to facilitate the holding of examinations in the various centers, all applications should be filed at the earliest possible date. Applications for examination *must* reach the Secretary of the Board:

For examination east of or on the Mississippi River: on or before Monday, May 26, 1930. For examination elsewhere in the United States or Canada: on or before Monday, May 19, 1930.

For examination outside the United States and Canada except Asia: on or before Monday, May 5, 1930.

For examination in Asia: on or before Monday, April 21, 1930.

If a candidate fails to obtain the regular application blank, the usual examination fee arriving before the specified date will be accepted provided that it is accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a complete list of the subjects in which she expects to be examined.

Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination of the candidate, but only upon the payment of an additional fee of \$5.00.

The designation of the center to which the candidate will go for examination is regarded as an essential part of her application. Requests that examinations be held at particular points should be sent to the Secretary of the Board not later than February 1. A list of examination centers will be published about March 1.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage in the local public schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test later than 9.00 A.M.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published by the College Entrance Board annually about December 1. Every candidate is advised to become familiar with these requirements. Upon request a single copy will be sent

*Application
for College
Entrance
Board
Examina-
tions*

to any teacher free of charge; in general a charge of twenty-five cents, which may be remitted in postage, will be made.

Candidates wishing to enter Bryn Mawr must state their intention on their application for examination to the College Entrance Board. Since the college recognizes only examinations definitely offered in a first or second division, those who take the examination for practice purposes only, before the regular first and second divisions, are asked not to state to the College Entrance Board their intention to enter Bryn Mawr College. When application for examination in a regular first or second division is made the section of the application blank (School recommendation—Form E), should be sent promptly to the Secretary and Registrar of the College so that any necessary correction may be made. All candidates for admission to Bryn Mawr College, on receipt of their reports of examination from the College Entrance Examination Board, must forward them to the Secretary and Registrar; failing the receipt of the report from the candidate herself the College will take no action upon her application for admission.

SUBJECTS OF EXAMINATION FOR MATRICULATION

	<i>Subjects</i>	<i>College Entrance Board Examinations</i>	<i>Points</i>
<i>Tabular Statement of Subjects Required in Examina- tion for Matricula- tion</i>	Ancient Language*		4
	Latin.....	Latin Cp. 4	
	or Greek.....	Greek Cp. 3	
	and Latin.....	Latin Cp. 2	
	English.....	English Cp....	3
	Mathematics.....		3
	Algebra.....	Mathematics A	
	and Plane Geometry.....	Mathematics C	
	Science†.....		1
	Physics.....	Physics	
	or Chemistry.....	Chemistry	
	History.....		1
	Ancient History‡.....	History A	
	or American History.....	History D	
	Second Foreign Language§.....		3
	French.....	French Cp. 3	
	or German.....	German Cp. 3	
	or Greek.....	Greek Cp. 3	
	Total.....		15

* Candidates wishing to divide the Latin examination may offer Latin Cp. 3 (Prose Authors) or Latin Cp. 3 (Poets) in one division and Latin Cp. H (if already credited with Cp. 3, Prose Authors) or Latin Cp. K (if already credited with Cp. 3, Poets) in the other.

Candidates wishing to divide the Greek examination may offer the Cp. 2 in one division and the Cp. H. in the other.

† See page 35 for note.

‡ See page 35 for note.

§ See page 35 for note.

The Scholastic Aptitude Test should be offered in the final division of examinations.

EXAMINATIONS FOR ADVANCED STANDING

Candidates who wish to enter the college with advanced standing may, in addition to the fifteen points required for matriculation, offer the following subjects: the First Year Course in Latin, Section A and Section B counting as three and two hours a week throughout one year; Trigonometry, counting as two hours a week throughout one semester; Solid Geometry, counting as two hours throughout one semester; elementary Greek, or French or German (provided this was not included in the fifteen points required for matriculation), counting as five hours a week throughout one year.

*Advanced
Standing*

The first year course in Latin may be offered for examination by candidates for matriculation that desire to enter the college with advanced standing, and, at their discretion, by matriculated students without attendance on the college classes provided it is offered not later than the beginning of the student's junior year. The first year is considered for this purpose as comprising two sections. No substitutions are allowed for any part of the following requirements, except in the case of students entering with advanced standing from other colleges.

A. Terence, *Adelphoe* (Sloman's edition, New York, Oxford Press), Catullus, *Select Poems* (all the poems in F. P. Simpson's *Select Poems of Catullus*, Macmillan, New York), Cicero, *De Senectute*, Lucretius, *De rerum natura*, Book I, 1-148, II, 1-58, 600-657, III, 1-93, 931-1052, V, 1-54, 925-1010, 1161-1240 (W. A. Merrill's edition, New York, American Book Company), Horace, Odes I, except 13, 15, 25, 28, 33, 36; II, except 2, 4, 5, 8, 12, 15; III, except 6, 10, 11, 15, 16, 19, 20, 24, 27; IV, except 4-6, 10-13; *Carmen Saeculare*; *Epodes* 2 and 16 only (Shorey-Laing edition of Horace's *Odes and Epodes*, B. H. Sanborn).

† The Teacher's Laboratory Certificate, furnished to the candidate by the College Entrance Examination Board, should be forwarded to the office of the Secretary and Registrar not later than the day for which the science examination is scheduled. Laboratory notebooks should not be submitted to the college.

‡ The college strongly urges that ancient history be offered as the requirement for entrance in history. Knowledge of the civilization of the ancient world is essential both for an appreciation of the Greek and Latin literature as studied in preparatory school and college and for the introductory course in college history, which begins with the downfall of the Roman Empire.

In case the curriculum of the school in which the candidate has received her preparation makes it difficult for the candidate to offer ancient history, American history may be offered instead. If this alternative is adopted, and, if the candidate should in college wish to enter the course in minor history, she will be expected to give evidence of familiarity with ancient history. Such evidence should be either a certificate from her preparatory school that she completed within reasonable time before entering college an adequate course in ancient history and attained in it a satisfactory grade or that she has done suitable private reading in the subject. The private reading will be tested by a brief oral examination.

§ If Greek and Latin are chosen under the heading "Ancient Language," French or German must be offered. Attention is called to the advantage of offering Greek or German as an extra subject for advanced standing. See next page.

B. Letters of Cicero, Abbott (Ginn and Co.), Letters 1, 2, 3, 4, 5, 7, 8, 11, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 31, 39, 41, 42, 45, 47, 49, 53, 54, 55, 56, 57, 58, 59, 61, 63, 64, 68, 69, 74, 75, 76, 83, 90, 91, 92; Pliny, Merrill (Macmillan and Co.), Letters 1, 2, 3, 4, 5, 9, 10, 12, 15, 17, 22, 23, 25, 29, 34, 42, 43, 45, 46, 54, 58, 69, 104, 105; *Petronius, Cena Trimalchionis* Waters, (B. H. Sanborn and Co.), Martial, Epigrams, Post (Ginn and Co.), *Liber Epigrammeton*, 1, 29; I, 1, 2, 3, 4, 9, 10, 12, 15, 20, 27, 29, 32, 33, 41, 43, 47, 53, 61, 70, 72, 75, 76, 79, 85, 89, 93, 103, 117; II, 7, 11, 14, 18, 20, 30, 41, 57, 66, 69, 77, 80, 90; III, 2, 4, 12, 14, 25, 38, 46, 60, 63; IV, 8, 10, 26, 30, 32, 44, 47, 57, 64, 86; V, 13, 24, 34, 37, 39, 43, 49, 56, 58, 69, 81; VI, 8, 35, 63, 70, 82; VII, 36, 48, 54, 59, 79, 83, 86, 92, 96, 99; VIII, 6, 12, 17, 23, 29, 32, 35, 43, 55, 69, 76; IX, 18, 59, 61, 68, 97; X, 20, 25, 30, 35, 48, 61, 62, 83, 96; XI, 18, 52, 84; XII, 21, 31, 67.

There are two examinations, one in Section A and one in Section B, each three hours in length. Students are expected to be familiar with the text, the lives of the authors, the scansion of meters, and the material in the introductions of the various editions. These examinations may be taken in different years, and in the order preferred by the candidate; or one section may be studied in the corresponding college class, and the other offered for examination without attending the class.

The examinations in Latin, Trigonometry and Solid Geometry are held in the first three weeks of the college year and may be taken by a student in her freshman, sophomore or junior year. Examinations in Elementary Greek, French or German may be taken in the College Entrance Examinations in the spring or, by special arrangement with the Secretary and Registrar, in the autumn. They may not be offered later than the autumn of the junior year.

Students who have passed examinations for advanced standing are credited with the equivalent number of hours of college courses and are so enabled to enter at once the more advanced courses to which these are preliminary; they thus secure a larger choice of elective courses or may, at some time in their college course attend, with the consent of the Dean, less than the regular fifteen hours a week of lectures. Students may also secure credit for elective courses in Modern Languages by passing certain examinations in French, German, Italian and Spanish which may be taken only in the first three weeks after entering the college. In no case, however, is it possible by passing examinations for advanced standing to shorten the required four years of study necessary for the bachelor's degree.

GENERAL REGULATIONS

Residence in the college buildings is required of all undergraduate students except those who live with their families in Philadelphia or the vicinity.

Residence

Every student enrolled is required to register with the Comptroller. Freshmen and graduate students are required to register also with the Secretary and Registrar. This registration must be completed before 8.45 A.M. on the first day of lectures. The Dean of the College is academic advisor to all undergraduate students and every undergraduate student consults the Dean of the College in regard to the planning of her academic work, and registers her chosen courses with the Dean of the College before entering upon college work.

Registration

The members of the entering class are asked to come into residence four days before the college is opened to returning students. They are received by the Wardens of the various halls and a Reception Committee of upper classmen. Appointments with the President of the College, who wishes to interview all new students, should be made promptly at the office of the Secretary and Registrar and appointments with the Dean should also be made. These interviews with the President and the Dean begin immediately, and registration of courses is concluded before the college year officially opens. The new students are made familiar with the intricacies of the library, take their tests, their medical and physical examinations, and become at home in the college before the stress of the first days of academic work.

*Freshman
Week*

The Student's Association for Self-Government, organized in 1892, controls the conduct of the students in all matters except those which are purely academic and which affect the management of the halls of residence, or the student body as a whole. All undergraduate students of Bryn Mawr College are members of this association.

Conduct

The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable; in such cases the fees due or already paid to the college will be neither refunded nor remitted in whole or in part.

*College
Regulations*

In case of emergency the college assumes the right to take all responsibility.

Regular attendance at classes is expected of all undergraduates; an unreasonable number of unexcused absences will be penalized.

Attendance

The absolute integrity of all work is demanded of every student. No student shall give or receive any assistance in an examination or written quiz or hold any communication with another student. The rules governing written work are published for each freshman and are publicly announced at the beginning of each semester and before each examination period. Any infraction of the rules, regardless of motive, or any action contrary to their spirit, constitutes an offense.

*Examination
Regulations*

Schedule While the required studies leading to the degree of Bachelor of Arts are not prescribed for any special year in the college course, students are advised to plan their work carefully with reference to the lecture schedule so that a conflict of hours will not prevent them from electing the advanced courses they wish. For example, students who elect English as their major subject should take the required English courses their first and second years because they must have completed this work before entering the major course in English. Students electing a scientific group, such as chemistry and biology, should arrange their work to avoid possible conflict in laboratory hours.

REQUIREMENTS FOR DEGREE OF BACHELOR OF ARTS

The full course of undergraduate study leads to the degree of Bachelor of Arts.

Every candidate for the degree of Bachelor of Arts must have attended college classes in Bryn Mawr College for a period of four years;* must have passed examinations on work amounting to one hundred and twenty hours†; and must have obtained an examination grade above that of "passed," that is, the grade of merit or over, on half of these one hundred and twenty hours. She must possess at the time of graduation a reading knowledge of French and German, and must also have fulfilled the requirements of the department of Physical Education.

The following course of study must be pursued by every candidate for the degree of Bachelor of Arts:‡

Ancient Language (Greek or Latin), six semester hours. Students entering on Latin and three-point Greek may substitute Elementary French or German for the Required Ancient Language.§ If Elementary Greek, German or French is offered ten semester hours are required, the four additional hours being taken from the hours of free elective. These courses may not be taken later than the junior year.

English, twelve semester hours. In connection with this course students are required to attend the courses in English diction, one-half hour a week for two years.

Philosophy, four semester hours.

Psychology, four semester hours.

Science, ten semester hours. For students who major in Science a choice between Science and Mathematics as a required study is permitted.

Major Subject with Allied Subjects, fifty semester hours. All students must attend first and second year work in the major subject for at least twenty semester hours (five hours a week for two years). Students of distinct promise in the opinion of the department may be allowed to take

*Degree of
Bachelor of
Arts*

*Studies
Leading to
the Degree
of Bachelor
of Arts*

*Required
Studies*

*Major
Courses*

* By permission of the Curriculum Committee of the Faculty, obtained in advance, work done at some other college of high standing may in special cases be substituted for one of the four years of required attendance at classes. See pages 31 and 32.

† The word hour here means one hour a week for one semester.

‡ A student choosing Greek as her major subject, and not wishing to study Latin, may substitute six semester hours of advanced Greek, or of French, or Italian, or Spanish, or German for the six semester hours of required Ancient Language.

§ A student choosing Latin as her major subject and not wishing to study Greek may substitute six semester hours of advanced Latin, or of French, or Italian, or Spanish, or German for the six semester hours of required Ancient Language.

¶ For a number of years no Elementary French course has been offered by the College. Students who wish to substitute Elementary French for the Ancient Language requirement, as allowed by the above rule, may offer Elementary French, prepared without attendance on college classes, as advanced standing, in an examination to be taken not later than the beginning of the junior year.

advanced work in the major subject. The student will arrange her major work and her allied subjects under the advice of the department in which the major work is taken.

**Free
Elective
Courses**

Free Elective Courses, thirty-four semester hours, to be chosen by the student. The only limitation is that imposed by the prerequisites of the course selected, and any courses open to the individual student as free electives may be taken without the remainder of the course of which they may form a part.

**Courses
in Hygiene**

A Course in Hygiene of one hour a week for one semester to be taken in addition to the regular fifteen hours a week of college courses but not counting in the required one hundred and twenty hours must be attended by all candidates for the degree of Bachelor of Arts.

**Reading
Knowledge
of French
and
German**

A Reading Knowledge of French and German is required from all students. All students are required to take examinations in French and German either in the autumn or spring of the junior year. Students failing to pass one or both of these examinations must present themselves for re-examination on the first or second Saturday of their senior year. Any student who receives the grade of *Failure* will be prevented from receiving her degree at the end of her senior year. She will not be allowed to present herself for a third examination before the autumn of the following year, but may present herself for any subsequent examination. Any student receiving the grade of *Condition* may take a third examination in the spring of her senior year.

**Extra-
curriculum
Courses**

Extra-curriculum courses of three hours a week in French and in German conducted without extra charge by regular members of the respective departments, may be taken by students in either French or German, if desired.

**Tabular
Statement**

1	2	3	4	5	6
English. Twelve semester hours.	Philosophy and Psychology. Eight semester hours.	Science: Physics, or Chemistry, or Geology, or Biology. Ten semester hours.	Ancient Language (Greek or Latin). Six semester hours.	Major and Allied Subjects. Fifty semester hours.	Elective Courses. Thirty-four semester hours.

Attendance on the Greek or Latin classes is not obligatory before the beginning of the junior year, the student being free until then to make good her deficiencies by private study. Students not wishing to study Greek may substitute six hours of the first year college course in Latin or the corresponding advanced standing examination in first year Latin for the examination in Elementary Greek. First year Latin may not be offered for examination without attending the college class after the beginning of the junior year.

The requirements for the degree constitute strictly a four years' course of fifteen hours a week, and although no student is permitted to complete the work required for a degree in less than four years, to give more time for advanced studies and to lighten the college course, students are permitted to take examinations in certain subjects included in the course without attending the college classes in these subjects. Trigonometry, solid geometry, and elementary Greek, French, or German, or first year Latin may be taken in this way if offered not later than the beginning of the junior year. A student who can furnish proof that she has acquired advanced knowledge of French, Italian, or Spanish, or German by attendance on advanced school or college classes, or by residence abroad or by study under instructors or governesses at home, is permitted to take examinations for advanced standing in reading and composition in these languages, but only in the first three weeks after entering college.

*Advanced
Standing*

Students not wishing to study for a degree are permitted to elect any of the undergraduate studies for which they have been fitted by previous training. If at any time a degree should be desired, such students will be given full credit for all courses leading to the degree.

SCHOLARSHIP GRADES

- 1. Grades are assigned with the following significances:
 - High Credit (H. C.).....Work distinguished for its excellence.
 - Credit (C.).....Work above the average; superior work.
 - Merit (M.).....Average work, work done by median group
neither superior nor inferior.
 - Passed (P.).....Work below the average.
 - Conditioned (Con.).....Unsatisfactory work the deficiencies of
which may be met by passing a condition
examination.
 - Failed (F. F.).....Unsatisfactory work, the deficiencies of
which may not be met by passing a
condition examination.
- 2. This system of marking is the basis of the Honour Point system:
 - 1 semester hour of Merit..... 1 honour point.
 - 1 semester hour of Credit..... 2 honour points.
 - 1 semester hour of High Credit..... 3 honour points.
- 3. On the basis of the honour point system the degree of Bachelor of Arts is awarded as follows:
 - 170 honour points..... Cum Laude.
 - 220 honour points..... Magna Cum Laude.
 - 270 honour points..... Summa Cum Laude.

*Scholarship
Grades*

CURRICULUM

There are offered each year to undergraduates major courses of five hours a week for two years, in the following subjects: Greek, Latin, English, French, Italian, Spanish, German, Modern History, Economics and Politics, Philosophy, Psychology, Classical Archæology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology; and elective courses in the above and in Biblical Literature, Social Economy, Education, and Music.

Major Courses

In each fully organized department there is a course of five hours a week for two years, called a Major Course. Every candidate for a degree is required to take one major course and also a specified amount of courses in closely allied subjects. Students of special promise will be permitted to carry on advanced work in the major subject. The object of this system is to enable the student to acquire the foundations of a specialist's knowledge; and the Required Courses, namely, English, philosophy and psychology and science, and an ancient language are intended to insure a more liberal training than could be obtained if every student combined elective studies without restriction.

Required Courses

The required courses in English and in an ancient language serve as a general introduction to the study of language and literature. The required course in science permits the student of chemistry and biology to pursue an advanced course in one of these branches, or to take a first year course in physics; and gives, for one year at least, to the student of history and literature the same kind of instruction and discipline as is received by the scientific student. The courses in philosophy and psychology form a general introduction into the study of the laws, conditions, and history of thought.

Free Elective Courses

All first year courses that do not presuppose required courses may be elected by any student, and special free elective courses of one, two, or three hours a week are offered in many departments.

Advanced Courses

Advanced courses are open only to students who have completed the first and second year major work in the subject and who have been given permission to enter them by the department.

Honours

Most departments offer honours work to students who have shown exceptional ability in the first and second year courses. This work consists of advanced courses accepted as honours courses by the Curriculum Committee; or of study carried on independently under the guidance of individual instructors; or of a combination of the two. Credit will be given in accordance with the amount of work done and reports or special examinations covering the field will be required. Students who have received credit for as much as ten semester hours of honours work may be recommended for their degree with distinction in the subject.

COURSES OF STUDY

1929-30

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.
WILMER CAVE WRIGHT, Ph.D.
INSTRUCTOR: ABBY KIRK, A.B.

The undergraduate instruction offered in Greek includes ten hours a week of first and second year work and five hours a week of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Greek.

A course of five hours a week throughout the year is provided for those students who wish to study Greek and whose examination for matriculation did not include it. Grammar and Composition are studied. Xenophon's *Anabasis* and selections from Homer are read. Either the elementary course in Greek or three hours a week of the first year course in Latin is required of all candidates for the degree of Bachelor of Arts who have not passed the matriculation examination in Greek. This course is given by Miss Kirk under the direction of Dr. Wright.

*Elementary
Course*

FIRST YEAR

1st Semester.

(Given in each year)

Plato, *Apology* and *Crito* or *Protagoras* or *Phædo*, and Greek Prose Composition: Dr. Sanders.

Two hours a week.

*Major
Course*

Sophocles, *Antigone*: Dr. Sanders.

One hour a week.

Homer, *Odyssey*: Dr. Wright.

Two hours a week.

(May be taken as a free elective)

The Greek courses may not be offered for examination for advanced standing without class attendance.

Private reading: Euripides, *Alcestis*, ll. 1 to end must be read by students taking the five-hour course; Euripides, *Alcestis*, ll. 1-475 must be read by students taking the course in Homer only; Sophocles, *Philoctetes*, ll. 1-728 must be read by students taking the courses in Plato and in Greek Prose Composition, omitting the course in Homer. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Medea*, and Greek Prose Composition: Dr. Sanders.

Two hours a week.

Herodotus: Dr. Sanders.

One hour a week.

Homer, *Iliad*: Dr. Wright.

Two hours a week.

(May be taken as a free elective)

The Greek courses may not be offered for examination for advanced standing without class attendance.

Private reading: Sophocles *Philoctetes*, ll. 1-1080 and 1218-1313 must be read by students taking the five-hour course; Euripides *Alceste*, ll. 476-961 must be read by students taking the course in Homer only; Sophocles, *Philoctetes*, ll. 729 to end must be read by students taking the courses in Euripides and Greek Prose Composition, omitting the course in Homer. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

SECOND YEAR

1st Semester.

(Given in each year)

Demosthenes: Dr. Sanders.

Two hours a week.

Work in Greek prose composition is given in connection with this course.

Aristophanes: Dr. Sanders.

One hour a week.

History of Greek Literature, Ionio-Dorian and Attic periods: Dr. Wright.

Two hours a week.

This course may be taken either as a second year course or as a free elective. Students taking it as a free elective are not required to have taken the first year course and are not required to do the private reading.

Private reading: Æschylus, *Prometheus Vinculus*, ll. 1 to end must be read by students taking the five-hour course; Æschylus, *Persæ*, ll. 1-680 must be read by students taking the courses in Demosthenes and Aristophanes, omitting the course in Greek literature; Æschylus, *Prometheus Vinculus*, ll. 1-436 must be read by students taking the course in Greek literature, omitting the course in Demosthenes and Aristophanes. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

2nd Semester.

Thucydides: Dr. Sanders.

Two hours a week.

Work in Greek prose composition is given in connection with this course.

Sophocles: Dr. Sanders.

One hour a week.

History of Greek Literature, Attic, Alexandrine, and Græco-Roman periods: Dr. Wright.

Two hours a week.

This course may be taken either as a major course or as a free elective. Students taking it as a free elective are not required to have taken the first year course, and are not required to do the private reading.

The second year's work of the major course may be divided so as to cover a period of two years; but if elected for the first semester, the lectures on literature must be elected for the second semester also. The lectures on Demosthenes and Thucydides and the one-hour courses in Aristophanes and Sophocles may not be elected separately.

Private reading: Æschylus, *Persæ* ll. 1 to end must be read by students taking the five-hour course; Æschylus, *Persæ*, ll. 681 to end must be read by students taking the courses in Thucydides and Sophocles, omitting the course in Greek literature; Æschylus, *Prometheus Vinculus*, ll. 437-876 must be read by students taking the course in Greek literature, omitting the course in Thucydides and Sophocles. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

FREE ELECTIVE COURSE

Greek Religion and Greek Myths: Dr. Wright.

*Two hours a week throughout the year.**(Given in each year)*

This course is supplementary to Greek and English literature and to Oriental and Classical Archæology and treats of the development of Greek religion, the attributes of the Olympian Gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths. This course may be offered as part of the first year course in Ancient History, or as part of the first year course in Classical Archæology, and may be entered in the second semester.

Courses amounting to ten hours a week which may be taken as free electives are offered in Classical Archæology. See pages 75 and 76.

*Free
Elective
Course*

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses**(Given in 1929-30)**1st Semester.**Æschylus, Eumenides: Dr. Sanders.**Two hours a week.**Sophocles, Trachiniæ: Dr. Sanders.**One hour a week.**Melic Poets: Dr. Wright.**Two hours a week.**2nd Semester.**Greek Rhetoricians and Prose Composition: Dr. Sanders. One hour a week.**Bacchylides: Dr. Sanders.**One hour a week.**Euripides, Bacchæ: Dr. Sanders.**One hour a week.**Æschylus, Septem or Lucian: Dr. Wright.**Two hours a week.**(Given in 1930-31)**1st Semester.**Æschylus, Oresteia: Dr. Sanders.**Two hours a week.**Fourth Century Critics: Dr. Sanders.**One hour a week.**Theocritus: Dr. Wright.**Two hours a week.**2nd Semester.**Pindar: Dr. Sanders.**Two hours a week.**Sophocles, Electra or Euripides, Electra: Dr. Sanders.**One hour a week.**Plato: Dr. Wright.**Two hours a week.**(Given in 1931-32)**1st Semester.**Minor Orations of the Attic Orators: Dr. Sanders.**Two hours a week.**Sophocles, Ædipus Coloneus: Dr. Sanders.**One hour a week.**Palatine Anthology: Dr. Wright.**Two hours a week.*

*2nd Semester.*Æschylus, *Agamemnon*: Dr. Sanders.*Two hours a week.*

Greek Prose Composition and the Evolution of Style: Dr. Sanders.

*One hour a week.*Sophocles, *Ajax*: Dr. Wright.*Two hours a week.*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 127 to 130.

Latin

PROFESSOR: LILY ROSS TAYLOR, Ph.D.

ASSOCIATE PROFESSORS: MARY HAMILTON SWINDLER, Ph.D.

SUSAN HELEN BALLOU, Ph.D.

ASSOCIATE: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

LECTURER: LOUISE ADAMS HOLLAND, Ph.D.

The undergraduate instruction offered in Latin includes ten hours a week of undergraduate first and second year work, and six hours a week of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Latin; and special work for honours.

FIRST YEAR

(Given in each year)

Literature of the Republic and Early Empire: Terence, *Adelphæ*; Selections from Catullus and Lucretius; Horace, *Odes* and *Epodes*:

*Three hours a week throughout the year.**1st semester:* Dr. Taylor, Dr. Swindler, Dr. Broughton, Dr. Holland.*2nd semester:* Dr. Taylor, Dr. Swindler, Dr. Ballou, Dr. Broughton.

Private reading will be assigned.

Selected reading from Latin sources illustrative of Roman Private and Social Life: Dr. Broughton.

Two hours a week throughout the year

The reading will be chosen chiefly from the letters of Cicero and Pliny, the *Cena Trimalchionis* of Petronius, and the Epigrams of Martial.

Private reading will be assigned.

(This course may also be taken as a free elective)

SECOND YEAR

(Given in each year)

Lectures on Latin Literature: Dr. Taylor.

Two hours a week throughout the year.

This course treats the history of Latin Literature from its earliest beginnings down to the end of the second century of the Christian era, including all the authors from whose writings any important remains have been preserved.

Suetonius, Augustus; Tacitus, *Annals* I-VI (Selections): Dr. Broughton.*Three hours a week during the first semester.*

A study of the reigns of Augustus and Tiberius.

Latin Comedy: Plautus: Dr. Swindler.

Three hours a week during the second semester.

A number of the plays of Plautus are read and studied for their literary merit. The influence of Plautus on later ages, the stage, actors, origin, development, and characteristics of Roman comedy and various other topics are taken up. Students are assigned individual plays for reports.

Private reading will be assigned to each student in the course in Latin Literature and in the courses in Plautus and in Suetonius and Tacitus.

The course in Latin Literature and the courses in Plautus and in Suetonius and Tacitus, may be taken in different years. If the lectures on Latin Literature are elected for the first semester, they must be continued in the second semester.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Latin Prose Composition:

One hour a week throughout the year.

(Given in each year)

1st semester: Dr. Broughton.

2nd semester: Dr. Holland.

Medieval Latin: Dr. Ballou.

Three hours a week during the first semester.

(Given in 1929-30 and again in 1931-32)

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

Roman Satire: Dr. Broughton.

Three hours a week during the second semester.

(Given in 1929-30 and again in 1931-32)

A study of Roman satire in its literary form and its historical development. The fragments of Lucilius and the satires of Horace, Persius, and Juvenal will be read.

Cicero, Selections from the Letters and the Orations: Dr. Taylor.

One hour a week during the first semester.

(Given in 1929-30 and again in 1931-32)

A study of social and political conditions at the close of the republic.

Livy, Selections from Books I-V: Dr. Holland.

One hour a week during the second semester.

(Given in 1929-30 and again in 1931-32)

A study of the legends of the regal and early republican period.

By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

Lucretius, De Rerum Natura: Dr. Ballou.

Three hours a week during the first semester.

(Given in 1930-31)

The course will deal with the place of the De Rerum Natura in literature and thought.

Vergil, Aeneid: Dr. Taylor.

Three hours a week during the second semester.

(Given in 1930-31)

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic.

Caesar, Selections from the Gallic and the Civil Wars: Dr. Broughton.
One hour a week during the first semester.

(Given in 1930-31)

Cicero, Selections from the Philosophical Works: Dr. Broughton.
One hour a week during the second semester.

(Given in 1930-31)

By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

The Roman Empire: Dr. Ballou. *Two hours a week throughout the year.*
 See page 64. *(Given in 1930-31)*

HONOURS WORK

Honours

The department offers two years of work for honours, either or both of which may be taken by students who have completed the major course with distinction. At the conclusion of each year a general examination will be given on the reading of Latin and on the work of the year in relation to the student's previous training in Latin. The work will, as far as possible, be adapted to the needs of the individual student.

In 1929-30 it will be devoted to ancient Rome, its monuments, its private, public and social life with wide reading in sources, particularly Cicero, Livy, and the satirists of the empire.

In 1930-31 the work will centre on Lucretius and Vergil with a study of the literary circles of the time, and of the philosophical and religious trends at Rome in the Ciceronian and Augustan ages.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 130 to 132.

English

PROFESSORS:

LUCY MARTIN DONNELLY, A.B.
 REGINA KATHARINE CRANDALL, Ph.D.
 *SAMUEL CLAGGETT CHEW, Ph.D.

ASSOCIATE PROFESSOR:

STEPHEN JOSEPH HERBEN, Ph.D.

ASSOCIATES:

ELEANOR GRACE CLARK, Ph.D.
 MARGARET MILLICENT CAREY, Ph.D.
 ENID GLEN, Ph.D.

NON-RESIDENT LECTURER:

SAMUEL ARTHUR KING, M.A.

LECTURER:

KATHARINE GARVIN, M.A.

INSTRUCTORS:

HORTENSE FLEXNER KING, M.A.
 MARGARET STORRS, A.B.
 EDITH FINCH, M.A.
 LETITIA GRIERSON, A.B.

The instruction offered in English covers forty-three hours of lectures and recitations a week, and includes six hours of lectures on composition

* Granted leave of absence for the year 1929-1930.

and literature required of every candidate for the Bachelor's degree; fifteen hours of First and Second Year English, which presuppose as much information as is contained in the required course; nine hours a week of free elective work; one hour a week of elective courses in English diction, graduate courses in English literature, Anglo-Saxon and Early and Middle English and Honours work.

The required course consists of lectures on English literature; collateral reading assigned in illustration of the lectures: and a study of the principles of composition with practice in writing. The first year course must be completed before the second year course is taken.

*Required
Course*

FIRST YEAR

English Composition: Dr. Carey, Dr. Glen, Miss Storrs, Miss Finch, Miss Grierson.

Three hours a week throughout the year,

(Given in each year)

A study of the forms of composition based upon reading in the prose and poetry of the Nineteenth Century and the present time.

Freshman Elective English: Dr. Glen.

Two hours a week throughout the year.

An elective course supplementing the required course in both writing and reading.

The Principles of Articulation: Mr. King.

One hour a fortnight throughout the year.

(Given in each year)

This course deals with a system of oral gymnastics, by which a distinct, firm, and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice, and for acquiring a correct production, are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in every-day speech are clearly defined. A special class will be formed to assist those students whose defects of articulation are so marked as to make it difficult for them to work with the other members of the class. This course is required for the degree and must be taken by all students registered for the course in English Literature, but does not count in the required one hundred and twenty hours.

SECOND YEAR

(Given in each year)

English Literature: Miss Donnelly, Miss Garvin, Miss Storrs, Miss Finch, Miss Grierson.

Three hours a week throughout the year.

A survey of English literature from the Norman Conquest to the French Revolution. The lectures are supplemented by class discussions and written tests. The reading includes the best and most representative works in the field of the lectures.

The Sonant Properties of Speech: Mr. King.

One hour a fortnight throughout the year.

This course consists of a detailed study of the principles of inflection, pitch, and rhythm, together with special treatment of emphasis and rules on pausing. Students are required from time to time to read aloud in order that individual faults may be corrected. This course is required for the degree and must be taken by all students registered for the course in English Literature, but does not count in the required one hundred and twenty hours.

The major course in English differs from the other major courses of the college, in that it must always have been preceded by twelve hours study of English in the required undergraduate courses. Any of the first year

*Major
Course*

courses may be taken separately as free electives by students that have completed the required course. All students taking a major course in English must take one of the courses in Old or Middle English, and those students who wish to specialize in the earlier period must take at least one course in the later period.

COMPREHENSIVE EXAMINATION

In and after the year 1929-30 a comprehensive examination over the general field of English Literature will be required of all students electing English as a major.

FIRST YEAR

English Literature of the Romantic Period: Dr. Chew.*

Three hours a week throughout the year.

(Given in each year)

The eighteenth-century background; the poetry of the period; the essay and novel; and the influence of continental literatures upon English literature are the chief topics in the course. Reports are required from each student.

Chaucer and the Chaucerian Period: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

The course begins with an outline of Middle English grammar sufficient to enable the students to read ordinary texts intelligently. Lectures are given on the development of the language and literature during the period, and in particular upon Chaucer's sources and literary art, and his relation to the English, French and Italian literature of his time. *The Troilus and Criseyde* (entire), the best of the *Canterbury Tales*, and certain of the minor poems are studied. A report is required from each student.

SECOND YEAR

English Critics of the Nineteenth Century: Miss Donnelly.

Three hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

Carlyle, Ruskin, Arnold, Pater, and, if time allows, two or three other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. A report is required from each student.

English Literature from Dryden to Johnson: Miss Donnelly.

Three hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

Dryden, Swift, Pope, Addison, Johnson, and, if time allows, other writers are studied, with regard to the development of classicism. A report is required from each student.

Old English Literature; *Beowulf*: Dr. Herben.

Three hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry will be read, followed by the *Beowulf* entire.

Middle English Romances: Dr. Herben.

Three hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

Selected romances in Middle English are read. The lectures deal with the development of Romance literature in Europe, with special reference to the romances of the Arthurian cycle.

* Granted leave of absence for the year 1929-30. The course announced by Professor Chew will be given by Miss Garvin.

Shakespeare; Elizabethan Drama: Dr. Clark.

Two hours a week throughout the year.

(Given in each year)

Selected plays of Marlowe, Greene, Peele and Shakespeare are read, and various court masques.

The course is designed to give students the social, theatrical, and historical material which constitutes the background and moulds the subject matter of the Elizabethan drama. Some time is also devoted to stylistic studies of the major dramatists. The report subjects are assigned with a view to giving each student a chance to work in some of the original documents of the period.

Private Reading.

Two hours a week throughout the year in the first and second year of the Major Course.

For students who elect English as a major. Reading under direction to supplement the regular courses. Occasional conferences will be held.

HONOURS WORK

In the first and second year courses work in special fields or subjects is offered to students who are recommended by the department for honours in English. Such work is related to the courses the student is following but adapted to her individual interests. It consists of independent reading, reports and conferences, followed by special examinations.

Honours

FREE ELECTIVE COURSES

Rhetoric: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The course consists of the study of rhetoric, with parallel reading and analysis of English prose and verse, and the writing of illustrative papers. The course is open to students who have completed the required course in English composition.

Argumentation: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The writing of arguments, the study of the form with reference to other types of writing, and other problems connected with argumentation, formal and informal, make up the work of the course. The course is open to students who have completed the required course in English composition.

Criticism: Dr. Crandall.

Two hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

The course includes a study of the principles of criticism and the writing of critical exposition, the essay, and kindred forms. The course is open to students who have completed the required course in English composition.

The Short Story: Dr. Crandall.

Two hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

The course deals with various forms of narrative, more especially the short story, and includes a study of the work of representative authors, both English and French. The course is open to students who have completed the required course in English composition.

Versification: Mrs. King.

Two hours a week throughout the year.

(Given in each year)

The course is not historical but theoretical, and students are required to write short exercises in verse every week. The course is open to students who have completed the required course in English composition.

*Free
Elective
Courses*

Advanced Composition: Dr. Glen. *Two hours a week throughout the year.*
(Given in 1929-30)

An intensive study of special forms of composition.

Victorian Poets: Dr. Clark. *Two hours a week throughout the year.*
(Given in each year)

Tennyson, Browning, Arnold, Thompson, Morris, Rossetti. Selections are made from these poets with a view to illustrating various aspects of Victorian thought.

General Reading of Prose Authors: Mr. King.
One hour a week throughout the year.
(Given in 1930-31 and again in 1932-33)

This course is open only to those students who have attended the lectures in English diction given in the general course.

Reading of Shakespeare: Mr. King. *One hour a week throughout the year.*
(Given in 1929-30 and again in 1931-32)

This course is open only to those students who have attended the lectures in English diction given in the general course. A special study is made of the principles of correct delivery of blank verse. The needs of those students who expect to teach English literature and desire to read Shakespeare to their pupils are given special attention.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 132 to 134.

ROMANCE LANGUAGES

French

PROFESSOR AND DEAN
OF THE GRADUATE
SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS:

GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*

ASSOCIATES:

MARGARET GILMAN, Ph.D.

ROBERT TURNER, *Docteur d'Université.*

INSTRUCTOR:

To be appointed

The undergraduate instruction offered in French covers thirty-two hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year work; six hours a week of advanced courses, open only to graduates and to undergraduates who have completed the major course in French, and two hours of free elective. All the courses in French except the elective course and the seminars in Old French are conducted in the French language.

ADVANCED STANDING

Advanced Standing

An advanced standing examination in French, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Credit may be given

for the first year course in Reading and Composition. Credit thus received may not be counted as part of the major course if French is elected as a major; more advanced courses in French chosen with the approval of the Department of French must be substituted for that part of the first year course for which credit has been given in the advanced standing examination by students taking French as a major.

UNDERGRADUATE STUDY IN FRANCE

Students who have chosen French as their major subject and who have at the end of their Sophomore year completed the major course, may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in France according to the "Delaware Foreign Study Plan."

Under-graduate Study in France

This plan provides for one year's supervised undergraduate study. The year is divided into two periods, a three-month preliminary period, from the last week in July to the last week in October, and the regular French academic session of eight months, November 1 to June 30. The preliminary period is spent at the University of Nancy. The regular session is spent in Paris, at the University of Paris and the Ecole Libre des Sciences Politiques.

The list of subjects available includes literature, history, history of art and economics. The formal lecture system of the French universities is supplemented by tutorial system classes arranged for the Foreign Study group. Private lessons in composition and diction are given throughout the year.

The students live in French families where they speak the language and gain some knowledge of French life. They also have the advantage of a carefully arranged programme of "extra-curriculum activities," which include operas and plays, as well as excursions in France and adjacent countries.

Only those students will be recommended who have shown a natural aptitude for the French language, have a high average in their college work and seem in the opinion of the Dean and the Department of French well qualified to represent the college.

MAJOR COURSE

Entrance to the major course in French presupposes as much knowledge as is required to pass the matriculation examination in this subject.

Major Course

FIRST YEAR

(Given in each year)

The History of French Literature of the nineteenth century.

Three hours a week throughout the year.

1st Semester.

Division A. Mr. Canu.
Division B. Dr. Turner.
Division C. Dr. Gilman.

2nd Semester.

Division A. Dr. Gilman.
Division B. Mr. Canu.
Division C. An Instructor to be appointed.

Critical reading in French prose and poetry of the nineteenth century; practical exercises in French Composition. *Two hours a week throughout the year.*

1st Semester.

- Division A.* An Instructor to be appointed.
Division B. Dr. Turner.
Division C. Dr. Gilman.

2nd Semester.

- Division A.* Dr. Turner.
Division B. Mr. Canu.
Division C. An Instructor to be appointed.

Students are assigned to divisions after an aural test.

The course in the history of French literature may be taken separately only by students assigned to Division A.

SECOND YEAR

(Given in each year)

1st Semester.

The History of French Literature of the seventeenth century, accompanied by collateral reading: An Instructor to be appointed.

Three hours a week

Critical Reading in the Literature of the seventeenth century. Studies in French Style and Composition:

Two hours a week.

- Division A.* Mr. Canu.
Division B. Dr. Gilman.

2nd Semester.

The History of French Literature of the eighteenth century, accompanied by collateral reading: Mr. Canu.

Three hours a week.

Critical Reading in the Literature of the eighteenth century. Studies in French Style and Composition:

Two hours a week

- Division A.* Dr. Gilman.
Division B. An Instructor to be appointed.

FREE ELECTIVE COURSE

Free Elective Course

Modern Tendencies in French Literature: Dr. Schenck.

Two hours a week throughout the year.

(Given in each year)

Lectures, class discussion, and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in Required English Literature or the second year course in French Literature.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Studies in the Historical Background of French Literature: Mr. Canu.

Two hours a week throughout the year.

(Given in 1930-31)

French Literature of the Sixteenth Century: Dr. Turner.

Two hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

French Lyric Poetry since 1850: Dr. Gilman.

Two hours a week throughout the year.

(Given in each year)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Turner.

Two hours a week throughout the year.

(Given in each year)

The class has one meeting a week and fortnightly interviews.

HONOURS WORK

After the completion of the second year course a student may be recommended by the department for honours in French. Such students will work in special fields adapted to their own interests under the direction of members of the department. The following courses are required of honour students.

Honours

Introduction to Mediæval French Literature and Philology: Dr. Turner.

Two hours a week throughout the year.

(Reserved for honour students)

French Bibliography: Dr. Gilman. *One hour a week during the first semester.*

(Reserved for honour and graduate students)

Advanced French Literature of the Sixteenth Century: Dr. Turner.

Two hours a week throughout the year.

Students who spend the Junior Year in France may substitute for this course a course in the Literature of the Sixteenth Century given at the University of Paris.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 134 to 136.

Italian

ASSOCIATE: CAMILLO P. MERLINO, Ph.D.

The undergraduate instruction offered in Italian covers seventeen hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year courses; two hours a week of free elective courses and five hours a week of advanced undergraduate courses.

An advanced standing examination in Italian, that is, an examination in translation and composition taken without attendance on the college

*Advanced
Standing*

classes, may be taken by students in the first three weeks after entering college. Depending on the result of this examination credit will be given for all or part of the first or second year Italian courses. Credit thus received may not be counted as part of the major course if Italian is elected as a major subject; more advanced courses in Italian chosen with the approval of the Department of Italian must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Italian as a major subject.

FIRST YEAR

1st Semester.

(Given in each year)

Major Course

Italian Grammar and Composition with reading in Italian authors of the Nineteenth Century: Dr. Merlino. *Five hours a week.*

2nd Semester.

A survey of Italian Literature of the Nineteenth Century: Dr. Merlino. *Three hours a week.*

Lectures and class reading in Nineteenth Century Italian authors, accompanied by collateral reading.

Reading of modern Italian prose and practical exercises in Italian composition: Dr. Merlino. *Two hours a week.*

SECOND YEAR

(Given in each year)

The Italian Literature of the Trecento: Dr. Merlino.

Three hours a week throughout the year.

1st Semester.

Dante's *Vita Nuova* and *Divina Commedia*.

2nd Semester.

Dante's *Divina Commedia*, Petrarca's *Rime*, Boccaccio's *Decamerone*.

Italian Composition: translation of standard English authors into Italian, and critical reading of modern prose: Dr. Merlino.

Two hours a week throughout the year.

FREE ELECTIVE COURSE

(Offered each year)

Free Elective Course

The Italian Literature of the Nineteenth Century: Dr. Merlino.

Two hours a week throughout the year.

1st Semester.

Foscolo, Manzoni, Leopardi, De Sanctis.

2nd Semester.

Carducci, Pascoli, D'Annunzio, Verga, and others.

Only those students will be admitted who have completed the course in general English Literature, and have a wider knowledge of Italian than is acquired in the First Year Course.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary and undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

(Offered each year)

The Italian Literature of the Cinquecento: Dr. Merlino.

*Three hours a week throughout the year.**1st Semester.*Selections from Ariosto's *Orlando Furioso*, Michaelangelo's *Rime*, Cellini's *Vita*.*2nd Semester.*Machiavelli's *Principe*, and Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*.

Advanced Italian Composition: Dr. Merlino.

Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on page 136.

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.

INSTRUCTOR: EDITH FISHTINE, A.B.

The instruction offered in Spanish covers fifteen hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year courses and five hours a week of advanced undergraduate courses.

An advanced standing examination in Spanish, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit will be given for all or a part of the first or second year Spanish courses. Credit thus received may not be counted as part of the major course if Spanish is elected as a major subject; more advanced courses in Spanish chosen with the approval of the Department of Spanish must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Spanish as a major subject.

*Advanced
Standing*

FIRST YEAR

*(Given in each year)**1st Semester.*

Spanish Grammar and Composition. Reading of easy modern Spanish prose: Dr. Gillet, Miss Fishtine.

*Five hours a week.**Major
Course**2nd Semester.*

Spanish Literature: Miss Fishtine.

Three hours a week.

A study of moderately long and fairly difficult Spanish works by representative modern authors.

Intermediate Spanish Composition: Dr. Gillet.

Two hours a week.

SECOND YEAR

1st Semester.

Reading of Classics in Spanish Literature, accompanied by a survey of Spanish literary history in the Nineteenth Century: Miss Fishtine.

Three hours a week.

Intermediate Spanish Composition: Dr. Gillet.

Two hours a week.

2d Semester.

Reading of Classics in Spanish Literature accompanied by a survey of Spanish literary history in the Seventeenth Century: Miss Fishtine.

Three hours a week.

Advanced Spanish Composition: Dr. Gillet.

Two hours a week.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports. *Three hours a week throughout the year.*

Advanced and Free Spanish Composition: Dr. Gillet.

Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 136 and 137.

German

ASSOCIATE PROFESSORS: MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

INSTRUCTORS: MARTHA MEYSENBURG DIEZ, M.A.

MYRA S. JENSEN, A.B.

ELINOR A. ROSSBACH, M.A.

LILIAN R. DAVIDSON, M.A.

The instruction offered in German covers twenty-nine hours of lectures and recitation a week; it includes ten hours a week of elementary German; four extra-curriculum hours of training in German reading; ten hours a week of undergraduate first and second year work and five hours a week of advanced courses, open to graduates and to undergraduates that have completed the major course in German. All the courses in German except the extra-curriculum reading courses are conducted in the German language.

Elementary Courses

A class for beginners in German, conducted in two sections by Mrs. Jessen and Mrs. Diez, five hours a week throughout the year, is provided. Students taking this course may be admitted into the first year of the major course in German.

A class for beginners in Elementary German Grammar, to be given in four sections, three hours a week. The purpose of this course is to lay the foundations for a reading knowledge of German and it is to be followed by supervised reading for juniors.

A course in Elementary German Reading is also offered by the department to students who have had the equivalent of the course in Elementary German Grammar. This course is given in order to assist students in their preparation for the junior German reading examination.

Two hours a week.

An extra-curriculum course is open to sophomores preparing for the reading examinations required of juniors and to graduate students; it is followed by supervised reading for juniors. The course is given by Mrs. Diez.

Extra Curriculum Course

Three hours a week.

An advanced standing examination in advanced German translation and composition, that is, an examination taken without attending the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit will be given for all or part of the first and second year German courses. Credit thus received may not be counted as part of the major course if German is elected as a major subject; more advanced courses in German chosen with the approval of the Department of German must be substituted for that part of the first and second year courses for which credit has been given in the advanced standing examination by students taking German as a major subject.

Advanced Standing

The major course in German presupposes as much knowledge as is required to pass the matriculation examination in this subject.

Major Course

FIRST YEAR

(Given in each year)

Literature: The Age of Goethe. Lectures on the history of German Literature in the classical and Romantic periods; collateral readings, especially of the principal works of Goethe; intensive study in class of Goethe's poems and Faust: Dr. M. Diez.

Two hours a week throughout the year.

Reading and Composition: Critical Readings, especially in the field of the drama; representative plays of Lessing, Schiller, Kleist and Grillparzer will be studied. Exercises in German Composition: Mrs. Diez.

Three hours a week throughout the year.

SECOND YEAR

(Given in each year)

Literature: Lectures on the History of German Literature from the beginnings to the present time. The first semester will be devoted largely to the literature of the Hohenstaufen period, the second semester will cover the period from Goethe's death to the present: Dr. M. Diez.

Three hours a week throughout the year.

Reading and Composition: Critical Readings in modern German Literature. Studies in German Style and Composition: Mrs. Jessen.

Two hours a week throughout the year.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Middle High German and Elements of German Historical Grammar:
Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

This course may be taken for three successive years. The reading will be so varied as to form a supplement to the advanced courses in German literature:

1929-30: Walther von der Vogelweide and Minnesang.

1930-31: Nibelungenlied.

1931-32: Parsival and Tristan und Isolde.

History of German Lyric Poetry from the Minnesingers to the Present
Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1929-30)

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1930-31)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1931-32)

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 137 to 139.

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D.

The undergraduate instruction offered in the department includes seven hours or more a week of free elective courses.

FREE ELECTIVE COURSES

*Free
Elective
Courses*

The Religion of Israel: Dr. Cadbury.

Three hours a week during the first semester.

(Given in each year)

A survey of the development of religious ideas and practices among the Hebrews during the early monarchy, under the influence of the prophets, and in the beginning of Judaism.

The Life and Teaching of Jesus: Dr. Cadbury.

Three hours a week during the second semester.

(Given in each year)

A discussion of the principal problems presented by the gospels for a recovery of an understanding of the career and character of Jesus of Nazareth.

Rapid Reading in the Greek New Testament: Dr. Cadbury.*One hour a week throughout the year.**(Given in each year)*

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

Second Year Hebrew: Dr. Cadbury.*Two hours a week throughout the year.**(Given in 1929-30)***Old Testament Introduction: Dr. Cadbury.***Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

A general study of the origin and character of the Old Testament writings.

The Book of Job: Dr. Cadbury.*One hour a week during the second semester.**(Given in 1929-30)***The Gospel of John: Dr. Cadbury.***One hour a week during the first semester.**(Given in 1929-30)***New Testament Introduction: Dr. Cadbury.***Two hours a week throughout the year.**(Given in 1930-31)*

A general study of the origin and character of the New Testament writings.

Social Ideals of the New Testament: Dr. Cadbury.*One hour a week during the first semester.**(Given in 1930-31)***Moral Ideals of the Old Testament: Dr. Cadbury.***One hour a week during the second semester.**(Given in 1930-31)***Elementary Hebrew: Dr. Cadbury.***Two hours or more a week throughout the year.**(Given when requested)***GRADUATE WORK**

Graduate work is offered in this department. Further information will be found in Part II on page 139.

History**PROFESSORS:**

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH,* Ph.D.

CHARLES WENDELL DAVID, Ph.D.

ACTING PRESIDENT OF THE COLLEGE: HELEN TAFT MANNING, Ph.D.

PROFESSOR OF GREEK:

WILMER CAVE WRIGHT, Ph.D.

ASSOCIATE PROFESSOR OF LATIN:

SUSAN HELEN BALLOU, Ph.D.

INSTRUCTOR:

IVY CAROLINE ROBBINS, Ph.D.

* Granted leave of absence for the year 1929-30.

The undergraduate instruction offered in history comprises about twenty-five hours of lectures a week; it includes ten hours a week of undergraduate first and second year work in modern history and five hours a week of first year work in ancient history; two to five hours a week of free elective and five hours a week of advanced undergraduate courses, open only to graduates and undergraduates who have completed the major course in history.

*Major
Course*

The object of the major course in history is three-fold. Primarily, history is taught for its own sake as a record of the development of humanity; secondarily, as a necessary accompaniment to the study of political institutions; and finally, as a framework for other forms of research, linguistic, religious, or archæological. The courses are planned to develop in the students a readier historical sense, and a consciousness of historical growth, rather than to give them a mere outline of general history. The instruction consists mainly of lectures, which are designed to create interest in the broad lines of historical development; the lectures are accompanied by constant references for private reading, to stimulate accuracy in detail and independence in judgment: and in all courses except those of the first year students prepare reports based upon their own researches.

*Honours
Work*

For students who have shown marked ability in the first two years of their historical study provision is made for honours work. At the end of the senior year a general examination in history will be offered and the satisfactory passing of this examination will entitle the student to receive her degree with distinction in history.

FIRST YEAR

1st Semester.

(Given in each year)

*Major
Course*

Mediaeval and Modern Europe to 1763: Dr. David and Dr. Robbins.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, one conducted by Dr. David, the other by Dr. Robbins.)

The work of this and the following semester is designed not to give a summary view of European history but to select and enlarge upon such aspects of it as are essential to the understanding of the modern world. In consequence, more attention is devoted to the period beginning with the French Revolution than to the preceding centuries. Among the topics considered during the first semester are the ideal of a united Christendom as embodied in the Holy Roman Empire and the Catholic Church, the causes and effects of the Crusades, the rise of national states, the Reformation and the Counter Reformation, the maintenance of a European balance of power, the progress of colonization, the rise of Prussia and of Russia. The instruction is given by means of lectures, required reading and discussion.

2nd Semester.

Modern Europe since 1763: Dr. David and Dr. Robbins.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, one conducted by Dr. David, the other by Dr. Robbins.)

In this semester the political and social transformation of Europe which was initiated by the French Revolution is studied. The outcome of the Revolution, the career of Napoleon, the absolutist reaction of the early Nineteenth Century, the successive revolts against this, the formation of modern constitutional governments, the creation of the German Empire and the Kingdom of Italy, the extension of European influence to Asia and Africa, the causes and progress of the World War, and the treatment of social problems of today are among the topics considered. The instruction follows the methods used in the first semester.

SECOND YEAR

*1st Semester.**(Given in each year)*

History of the Renaissance: Dr. Gray.

Five hours a week.

(This course may be elected only by students who have studied history at least five hours a week for one year. Under this condition it may be taken as a free elective.)

An endeavor is made to indicate in what ways mediæval life and thought were transformed into those of modern Europe. Political, economic, literary, artistic and scientific changes, therefore, are studied. Since Italians were prominent in the new movements, most attention is given to Italian history, but the innovations of the North, especially those connected with the new Burgundian State, are not neglected. The period extends in a general way from 1250 to 1527.

2nd Semester.

History of the United States since 1783: Dr. William Roy Smith.*

*Five hours a week.**(Not given in 1929-30)*

(This course may be elected only by students who have studied history at least five hours a week for one year. Under this condition it may be taken as a free elective.)

English and Colonial History (1485-1785): Dr. Robbins.†

Five hours a week.

This course will deal with the development of the English domestic and colonial systems during three centuries. Some attention will be paid to the history of ideas which affected the struggle for constitutional liberty in both countries, and to the evolution of English foreign policy.

FREE ELECTIVE COURSES

History of England to 1485: Dr. David.

*Three hours a week during the first semester.**(Given in 1929-30 and again in 1930-31)*

(Open only to students who have taken the first year course in history.)

This course deals with English history in all its more important aspects from Roman times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the Roman Church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

Mediæval Civilization: Dr. David.

*Three hours a week during the second semester.**(Given in 1929-30 and again in 1930-31)*

(Open only to students who have taken the first year course in history.)

This course is confined for the most part to the continent and to the period from the fourth century to the close of the thirteenth century. Building upon the brief treatment of the first year course, it is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the civilization of the later Roman Empire, the Germanic invasions, the rise of the monasteries, the Byzantine and Carolingian Empires, Islam and the Crusades, the reform of the Church, the rise of national states, the civilization of the twelfth and thirteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

* Granted leave of absence for the year 1929-30.

† This course is offered in 1929-30 instead of the History of the United States since 1783.

British Imperialism: Dr. William Roy Smith.*Two hours a week throughout the year.**(Given in 1930-31)*

(This course may be elected only by students who have studied history at least five hours a week for one year.)

This course deals with the external history of the English people: the sea-rovers of the Sixteenth Century; the beginnings of American colonization; the contrast between the old colonial system and the new; the history of Canada, Australasia, South Africa, India, Egypt and other colonies and dependencies; the new imperialism of Beaconsfield and Chamberlain; the present position of England as a world power.

Civilization of the Ancient World: Dr. Ballou.*Three hours a week throughout the year.**(Given in 1929-30 and again in 1930-31)*

Special attention is paid to Greece and Rome; but extended consideration is also given to the subject of pre-history, to the early civilisations of western Asia, Egypt, and the Aegean region, and to the influence of environment, race, and culture upon human development. The evolution of civilization as a whole, from earliest times to the Fourth Century A. D., is presented in a single synthesis.

Hellenistic Civilization: Dr. Ballou.*Two hours a week throughout the year.**(Given in 1929-30)*

This course will deal with the conditions in the last three centuries preceding the Christian era which resulted from the conquests of Alexander and the consequent Hellenisation of the ancient civilised world. Administrative and economic conditions in Ptolemaic Egypt, as revealed by the recently discovered Greek papyri, will be especially studied as typical of the period. This will be followed by a study of Rome in the time of the Republic, both internally and in relation to the rest of the Hellenised world.

The Roman Empire: Dr. Ballou.*Two hours a week throughout the year.**(Given in 1930-31)*

(This and the following course may be taken by students who have had or are having the course in Ancient Civilization, or the Major course in Latin. Exceptions may be made for students of special qualifications.)

The course will deal with the social, economic, and administrative history of the Empire. The growth and development of the Principate will also be traced from the earlier institutions of the Republic, and primary source material will be used where available.

Greek Religion and Greek Myths: Dr. Wright.*Two hours a week throughout the year.**(Given in each year)*

(This course may be taken as a free elective or as part of the first year course in Ancient History and may be entered in the second semester.)

The course treats of the development of Greek religion, the attributes of the Olympian gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths.

ADVANCED UNDERGRADUATE COURSES**Advanced Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Europe since 1870: Dr. Gray.*Two hours a week throughout the year**(Given in 1929-30)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress, and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles, and the strong position of labour in post-bellum society are among the subjects studied. A reading knowledge of French is required.

American Colonial History (1492-1763): Dr. W. R. Smith.**Three hours a week throughout the year.**(Not given in 1929-30)*

This course deals primarily with the English colonisation of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion.

History of the United States since 1865: Dr. W. R. Smith.*Two hours a week throughout the year.**(Given in 1930-31)***The French Revolution and Napoleon: Dr. David.***Two hours a week throughout the year.**(Given in 1931-32)*

This course treats of the history of France and of Europe from 1789 to 1815, by means of lectures and reports. The period is considered as an organic whole and the career of Napoleon is regarded as that of a child of the Revolution. The increasing mass of secondary material is appraised and some printed documentary material is used for reports and references. A reading knowledge of French is required.

Study preparatory for Honours: Dr. H. L. Gray and Dr. Robbins.*Five hours a week throughout the year.***Honours**

Students electing this work will meet the instructor each week for the discussion of various topics in the general field of history. These will be selected to coordinate their knowledge and to prepare them for the general examination in honours to be taken at the end of their senior year. Each student will also in each semester undertake for herself independent historical investigation of a single topic under the immediate direction of the instructor. The latter work may with the permission of the instructor be omitted. If this is allowed, credit for the year's work will be reduced from five to three hours.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 139 to 142.

Economics and Politics**PROFESSORS:**

MARION PARRIS SMITH,* Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ASSOCIATE PROFESSOR:

ROGER HEWES WELLS, Ph.D.

ASSOCIATE:

ELEANOR LANSING DULLES, Ph.D.

LECTURER:

JULIAN S. DUNCAN, Ph.D.

The undergraduate instruction offered in this department covers sixteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work; one hour of free elective and five hours a week

* Granted leave of absence for the year 1929-30.

of advanced courses open only to graduates and to undergraduates who have completed the major course in economics and politics.

The object of the undergraduate courses in economics and politics is three-fold: first, to trace the history of economic and political thought; second, to describe the development of economic and political institutions; and third, to consider the practical economic and political questions of the day. Instruction is given by lectures. The lectures are supplemented by private reading, by oral and written quizzes, by written theses and reports, and by such special class-room exercises as the different subjects require.

FIRST YEAR

(Given in each year)

1st Semester.

Major Course

The Economic World: Dr. Duncan and Dr. Wells.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, A and B, one conducted by Dr. Duncan and one by Dr. Wells.)

The object of this course is to familiarize students with the economic world in which they live. The following topics will be studied: Economic Geography of the United States; Natural Resources, Population, including Immigration; Problems of Rural Life; Problems of Urban Life; and the following Economic Institutions, Organization of Manufacture, Organization of Labor, Transportation, Marketing, Money and Banking, International Trade, and Public Finance.

This course is not only intended as a foundation for the students who wish to specialize in Economics, but also as a survey of the most important problems of economic life for the student whose interests lie in other fields.

Students are required to write occasional short papers in connection with their private reading, and one short report on a specially assigned topic.

2nd Semester.

Introduction to Government and Politics: Dr. Fenwick and Dr. Wells.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, A and B, one conducted by Dr. Fenwick and one by Dr. Wells.)

The object of this course is to present the structure and organization of the government of the United States and of the governments of the several states, together with an examination of the party system and its effects upon the actual operations of government. It is followed by a comparative study of the governments of Great Britain, France, and Germany.

SECOND YEAR

1st Semester.

(Given in 1929-30)

Present Political Problems: Dr. Fenwick.

Five hours a week.

This course deals with the vital problems of modern government, both theoretical and practical. It inquires into the authority of the state and the legal and moral basis upon which it rests. It analyzes the constitutional foundations of modern democracy and the newer forms of organization which are replacing the old governmental machinery. In particular it examines the new fields into which government is extending its control and the limitations in this respect imposed by the Constitution of the United States.

2nd Semester.

History of Economic Thought and Recent Economic Problems: Dr. Duncan.

Five hours a week.

The object of this course is to trace the history of secular thinking on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labor, value and price, to the present time.

An historical introduction occupying about half the semester leads to a survey of the modern economic world and its problems.

The students are expected to do extensive reading and to write a number of short papers on their reading.

FREE ELECTIVE COURSE

Elements of Law: Dr. Fenwick. *One hour a week throughout the year.*
(Given in each year)

*Free
E'ective
Courses*

(This course may be elected only by students who have studied economics and politics or modern history at least five hours a week for one year.)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The subjects covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property, and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

International Law: Dr. Fenwick. *Two hours a week throughout the year.*
(Given in 1929-30)

The object of this course is to examine the existing rules of international law in order to determine their origin, their general observance and their applicability to the changed conditions of modern international life. Special stress is laid upon the interpretation of international law by the United States and upon the organization and administration of the League of Nations.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.
Three hours a week throughout the year.
(Given in 1930-31)

Municipal Institutions: Dr. Wells. *Two hours a week throughout the year*

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

The History of Political Thought: Dr. Wells.
Two hours a week throughout the year.

Political Parties and Electoral Problems: Dr. Wells.
Two hours a week throughout the year.

An advanced course in Municipal Institutions, The History of Political Thought or Political Parties will be given in 1929-30.

Money and Banking: Dr. Dulles. *Two hours a week throughout the year.*
(Given in 1929-30)

(If desired a student may count this for a three hour advanced course)

The object of this course is to study the influence of money and credit on economic life, the modifying effect of the Federal Reserve system, various attempts to lessen fluctuations of prices, and measures to avoid crises in the security markets. Time will be devoted to

methods of forecasting the future course of events, index numbers, and other measures of economic changes.

The forces which control internal price levels and production will then be related to the financial condition of other countries. International contacts through commerce and investments will be stressed. Some of the topics are the influence of credit on production, forces behind stock movements, the power of discount rates, the influence of foreign price levels on domestic conditions, the bearing of war debts and reparation payments on American finance, and the effect of extreme depreciation. The students will be asked to carry on their study through reports on the evolution of financial institutions, banking problems in the United States, monetary theory, and the urgent problems in international finance which characterize the postwar period.

International Finance: Dr. Dulles. *Two hours a week throughout the year.*
This course will be given when Money and Banking is not given.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 143 and 144.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY,* Ph.D.
ASSOCIATE PROFESSOR:	HORNELL HART, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
LECTURER:	ALMENA DAWLEY, M.A.
SPECIAL LECTURERS:	EVA WHITING WHITE, A.B.
	ALICE HAMILTON, M.D.
LECTURER:	To be appointed

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The undergraduate instruction offered in this department covers ten hours a week of free electives.

*Free
Elective
Courses*

FREE ELECTIVE COURSES

Elements of Statistics: Dr. Kingsbury.* *Two hours a week throughout the year.*
(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, graphic methods, averages, measures of variation, theory of sampling, index numbers, theory of probability, and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations and to social organizations.

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by an instructor to be announced later.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

Two hours a week throughout the year

(Given in each year)

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighbourhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart.

Three hours a week throughout the year.

(Given in each year)

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique of social progress. A course in social science is prerequisite for this course.

Labour Problems: Dr. Dulles.

Three hours a week throughout the year.

(Given in each year)

The present day problems of labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labour, compensation, social insurance, welfare work, and the radical experiments of labour. The significance of workers' education and of the various labour colleges and schools is stressed, with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 144 to 152.

Philosophy

PROFESSORS: THEODORE DE LEO DE LAGUNA, Ph.D.

GRACE MEAD ANDRUS DE LAGUNA, Ph.D.

READER: To be appointed

The undergraduate instruction offered in this department covers thirteen hours of lectures a week: it includes a required course of two hours a week and ten hours a week of undergraduate first and second year work.

For students who have shown marked ability in the first year of the major course provision is made for honours work.

A course in philosophy, two hours a week throughout the year, and a course in psychology, two hours a week throughout the year, are required of all candidates for the degree of Bachelor of Arts.

The first year course in philosophy presupposes as much information as is contained in the required course.

History of European Thought: Dr. Theodore de Laguna, Dr. Grace de Laguna.

Two hours a week throughout the year.

(Given in each year)

**Required
Course**

The lectures treat in outline of the development of the scientific attitude toward the world, from the beginnings of Greek speculation to the Nineteenth Century. Selections from ancient and modern philosophical literature are read by the class.

*Major
Course*

FIRST YEAR

(Given in each year)

1st Semester.

Elementary Ethics: Dr. Theodore de Laguna.

Three hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The classical theories of the subject, such as Stoicism and Epicureanism, are briefly treated, emphasis being laid less upon the abstract issues involved than upon the rival "ways of life." The modern evolutionary theory of morals is studied at greater length.

History of Morality: Dr. Grace de Laguna.

Two hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This course treats of the development of moral ideals and obligations from primitive to civilized conditions. Especial attention is given to the moral standards connected with marriage and the position of women. The relation of morality to magic and taboo, as well as to polytheistic and monotheistic religion, is studied, and also the interaction between economic conditions and moral standards.

2nd Semester.

Philosophical Problems: Dr. Grace de Laguna.

Three hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This is primarily a discussion-course. The student will be introduced to certain of the classic philosophical problems and typical solutions which are offered for them. The problems selected for discussion will be those which are living issues, and an attempt will be made to show their bearing on scientific and social movements of the present time. For example, the problem of free-will and determinism will be considered in its bearing upon the question of social responsibility and the punishment of criminals; the problem of the nature of mind and its connection with the body will be related to the recent psychological controversy over behaviorism.

Elementary Logic: Dr. Theodore de Laguna.

Two hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The object of this course is, first, to give the student an acquaintance with the traditional subject-matter of deductive and inductive logic, and, secondly, to show its relations to the wider problems of metaphysics and the theory of knowledge. In the concluding weeks some account is given of recent developments in logical theory.

SECOND YEAR

(Given in each year)

1st Semester.

From Kant to Spencer: Dr. Grace de Laguna.

Three hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is principally devoted to the study of the post-Kantian idealism. The naturalistic systems of Comte, John Stuart Mill, and Spencer are more briefly considered.

Social Philosophy: Dr. Theodore de Laguna.

Two hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is a study of the philosophical ideas that have been connected with the rise of modern democracy and nationalism. The more important theories of the nature of the state, and of the relation of the state to other forms of social union, will be discussed; also certain special moral questions related to the theory of punishment.

2nd Semester.

Recent Philosophical Tendencies: Dr. Theodore de Laguna.

Three hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

An introduction to contemporary controversy is given by way of a study of a few of the more important recent movements of thought.

Elementary Aesthetics: Dr. Grace de Laguna.

Two hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

The subject is approached primarily from the anthropological side. The origins of art and its relations to other forms of culture, especially magic, religion, industry, and war, are studied, as well as the development and diffusion of æsthetic standards. Briefer consideration is given to the psychological phenomena involved in æsthetic appreciation.

HONOURS WORK

Work for special honours in philosophy consists of independent private *Honours* reading, with frequent conferences with the instructor, and occasional reports in which the principal results of the reading are brought together. The subjects chosen will not be confined to the technical aspects of philosophy, but will on the contrary emphasize its connection with general literature, art, and politics, or with some special science in which the student has an interest. The following are suggested as possible subjects:

The Philosophy of Plato.

Platonism in English Poetry.

The Philosophy of Jean-Jacques Rousseau.

Philosophical Interpretations of Evolution.

Theories of Language: their Bearing upon the Problem of Knowledge.

Mathematical Logic.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 152 and 153.

Psychology

PROFESSORS:	JAMES H. LEUBA,* Ph.D.
	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	HARRY HELSON, Ph.D.
LECTURER:	CLARENCE LEUBA, Ph.D.
DEMONSTRATOR:	JANE FRANCES FAISSLER, A.B.
READER:	ELEANOR LOWENSTEIN, A.B.

The undergraduate instruction offered in this department covers fourteen hours of lectures a week; it includes a required course of two hours a week;

* Granted leave of absence for the year 1929-30.

ten hours a week of undergraduate first and second year work; two hours a week of free elective work and in addition honours work may be done by students who have distinguished themselves in the regular courses.

This course in psychology, two hours a week throughout the year, is required of all candidates for a degree.

The first year course in psychology presupposes as much information as is obtained in the required course.

**Required
Course**

Psychology: Dr. Helson and Dr. C. Leuba.

Two hours a week throughout the year.

(Given in each year)

In connection with the lectures there are experimental demonstrations.

FIRST YEAR

1st Semester.

(Given in each year)

**Major
Course**

Experimental Psychology: Dr. Helson and Dr. C. Leuba.

Five hours a week.

Laboratory Work: Dr. Helson and Dr. C. Leuba.

Four hours a week.

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

The lectures take up certain topics in systematic psychology. The historical, critical, and theoretical features of the subjects covered are discussed and the experimental features demonstrated. Special stress is laid on the comparative study of methods. The laboratory work consists of individual practice in selected topics.

2nd Semester.

The Psychology of Action, Including Instinct, Emotion and Animal Behaviour: Dr. C. Leuba.

Five hours a week.

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

The analysis of learning and of behaviour in man and animals is of special interest to students of education.

SECOND YEAR

1st Semester.

(Given in each year)

Social Psychology: The Psychology of Group Life and of Some Social Institutions: Dr. C. Leuba.

Five hours a week.

(Open only to students who have taken the first year course in Psychology of Action, five hours a week in the second semester. Experimental Psychology is not a prerequisite. May be taken as a free elective.)

2nd Semester.

Mental Tests and Measurements: Dr. Rogers.

Five hours a week.

Laboratory Work: Dr. Rogers.

Four hours a week.

(Open only to students who have taken the first year course in Experimental Psychology, five hours a week during the first semester. May be taken as a free elective.)

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

FREE ELECTIVE COURSE

Advanced Experimental Psychology: Dr. Helson.

*Two or more hours a week throughout the year.**(Given in each year)*

This course is intended for students who wish to be trained in research work. It is primarily for third year students in psychology, but in very special cases by permission of the instructor it may be taken by a student who has taken the first year course in experimental psychology. The instructor will co-operate with the students in the solution of some original problems.

*Free
Elective
Course*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 153 and 154.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR:	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	ILSE FOREST, Ph.D.
INSTRUCTOR:	CECILIA IRENE BAECHLE, M.A.
RESEARCH ASSISTANT:	FRANCES MARGUERITE CLARKE, Ph.D.
ASSISTANT IN THE CLINIC:	E. LOUISE HAMILTON, Ph.D.

The undergraduate instruction offered in this department covers nine hours a week and an additional five hours a week for the second semester only of free elective courses.

FREE ELECTIVE COURSES

Educational Psychology: Dr. Rogers. *Three hours a week throughout the year.**(Given in each year)*

This course provides the psychological basis for educational theory and practice, including the psychology of elementary and high school subjects.

The Psychology of the Elementary and High School Subjects: Dr. Rogers.

(Not given in 1929-30)

Open only to students who have taken or are taking the course in Educational Psychology.

Mental Tests and Measurements: Dr. Rogers.

*Five hours a week during the second semester.*Laboratory Work: Dr. Rogers. *Four hours a week during the second semester.**(Given in each year)*

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

This course is open to students who have attended the minor course in experimental psychology or its equivalent.

*Free
Elective
Courses*

Child Psychology: Dr. Forest.*Three hours a week throughout the year.**(Given in each year)*

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest.*Two hours a week throughout the year.**(Given in each year)*

This course presents a study of the principles basic to educational procedure. It includes such topics as (1) the relation of the school to the community, (2) a critical consideration of methods of teaching, and (3) considerations influencing the selection of subject matter. Special emphasis will be placed upon the philosophy and practice of the progressive school.

Advanced Principles of Education. Dr. Forest.*One hour a week throughout the year.**(Given in each year)*

This course deals with special phases of the principles of education depending upon the needs and interests of the students who are registered in the two-hour course.

This course will be given only when, in the opinion of the instructor, there are students who can profit by it. Students may enter the course only with the special permission of the instructor.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 154 to 156.

Classical Archæology**PROFESSOR:****RHYS CARPENTER,* Ph.D.****ASSOCIATE PROFESSOR AND ACTING****HEAD OF THE DEPARTMENT:****MARY HAMILTON SWINDLER, Ph.D.****ASSOCIATE PROFESSOR:****PRENTICE DUELL,† M.Arch.****LECTURER:****CHARLES H. MORGAN, Ph.D.**

Undergraduate courses of three hours a week and two hours a week are offered affording an introduction to the various branches of classical archæology. It is recommended that those who elect archæology as a major subject should offer Greek Sculpture, Ancient Painting and Vases, and Greek Minor Arts, during their first year, reserving for their second year the courses on Ancient Architecture, Roman Architecture, Ancient Athens, Egypt and Crete, and Ancient Rome. The elective course in Greek Religion and Greek Myths may be substituted for any two hours course. The undergraduate courses are fully illustrated with lantern slides, and photographs are available for review and comparison.

* Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

† Granted leave of absence for the year 1929-30. Mr. Duell's courses will be given by Dr. Morgan.

FIRST YEAR

(Given in each year)

Greek Sculpture: Dr. Swindler.

Three hours a week throughout the year.

A critical study of the rise, perfection, and ultimate developments of sculpture in Greece. The course is intended as a general introduction to the principles and appreciation of sculpture.

Ancient Painting: Dr. Swindler.

Two hours a week during the first semester.

The course traces the development of ancient painting. The material studied includes Egyptian and Cretan frescoes, Greek vases, Pompeian wall paintings and the paintings from Etruscan sites.

Greek Minor Arts: Dr. Morgan.

Two hours a week during the second semester.

In addition to the archaeological study of ancient Greek coins, gems, jewelry, silver-smithing, and terra-cotta, this course serves to give an understanding of the general æsthetic principles of art by an analysis of the morphological evolution and fundamental assumptions of Greek art. The course includes a brief treatment of the influence of Hellenic art on the art of other races.

Greek Religion and Greek Myths: Dr. Wright.

Two hours a week throughout the year.

This course is supplementary to Greek and English literature and to Oriental and Classical Archæology and treats of the development of Greek religion, the attributes of the Olympian Gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths. The course may be entered in the second semester.

SECOND YEAR

Ancient Architecture: Dr. Morgan. *Three hours a week during the first semester.**(Given in each year)*

The first twelve lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

Ancient Athens: Dr. Morgan.

*Two hours a week during the first semester.**(Given in each year)*

The monuments and the life of ancient Athens form the basis of this course.

Roman Architecture: Dr. Morgan. *Three hours a week during the second semester.**(Given in each year)*

The architecture of Rome and the Roman Empire down to late Imperial times is studied. Students who have not taken the course in Ancient Architecture are required to prepare themselves by reading Warren's *Foundations of Classic Architecture*, chapter v, and Fowler and Wheeler's *Greek Archæology*, chapter ii. The course on Ancient Rome should be taken in connection with this course.

Egypt and Crete: Dr. Carpenter.* *One hour a week during the second semester.*

A general study of the artistic and material aspects of the ancient Egyptian and the Cretan and Mycenaean civilizations. This course may be combined with Ancient Architecture, Ancient Rome, or Greek Minor Arts.

Ancient Rome: Dr. Swindler.

*Two hours a week during the second semester.**(Given in each year)*

The course deals with the art and material civilization of Rome through Republican and Imperial times. It is intended as an archaeological background to Latin studies and as an introduction to Roman art, especially sculpture and painting. The course includes a study of Etruscan art and its influence on early Rome.

* Granted leave of absence.

FREE ELECTIVE COURSE

*Free
Elective
Course*

American Archaeology: Mr. Duell.* *Two hours a week throughout the year.*
(Not given in 1929-30)

The first semester deals with the Pueblo, village, and camp dwelling Indians of the Southwest; the second semester with the Mayas, Toltecs, and Aztecs of Mexico and the Incas of Peru.

HONOURS WORK

Honours

Honours work will be offered by the department for students who have completed two years of work in the department with distinction.

In 1929-30 the work will deal with Greek Vases. Various styles and masters will be studied and some of the problems connected with Greek Vases, such as *Kalos* names, Etruscan trade relations and their significance, and the importance of Greek Vases for certain aspects of Greek life, e.g., of the vases dealing with the theatre and with religious subjects.

In 1930-31 the work will deal with Ægean Archaeology. The relations of the Orient with Crete will be studied in detail.

The work will be conducted by means of reports, reading assigned in various fields and discussion of topics.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 157 and 158.

History of Art

PROFESSOR: GEORGIANA GODDARD KING, M.A.
ASSOCIATE PROFESSOR: ERNST DIEZ, † Ph.D.
LECTURER (Semester II): EDWARD S. KING, M.F.A.

The undergraduate instruction offered in History of Art covers fifteen hours of lectures a week. It includes ten hours a week of undergraduate first and second year work, and five hours a week of advanced undergraduate work open to graduate students and to undergraduates who have completed the major course in History of Art.

All the courses are illustrated with lantern slides, a large collection of photographs is used in the course of study and the photographs are available for review and comparison.

The Art Club, a student organization, offers an extra curriculum course in drawing and painting on Saturday mornings. The students work individually also during the week. This work is carried on under the auspices of the Department of History of Art.

FIRST YEAR

(Given in each year)

*Major
Course*

Italian Painting of the Renaissance from the Middle of the Thirteenth to the Middle of the Sixteenth Century: Miss King.

Three hours a week throughout the year.

(May be taken as a free elective)

* Granted leave of absence for the year 1929-30.

† Granted leave of absence for the second semester of the year 1929-30.

In the first semester the Italian Primitives are studied, chiefly in the schools of Florence, Siena, and Umbria; in the second semester the painters of the High Renaissance, with special attention to those of Venice and the north of Italy. The course is illustrated with photographs and lantern slides.

Art in Asia: Dr. E. Diez.*

Two hours a week during the first semester.

(May be taken as a free elective)

A general introduction in the history of art in Asia since the period of Alexander the Great. The great cycles of art in Asia, the Mohammedan, the Indian and the Far Eastern are studied.† The main monuments of these different arts are discussed and special emphasis is placed on the art in China and Japan.

Minor Arts of the Middle Ages: Mr. King.

Two hours a week during the second semester.

(May be taken as a free elective)

SECOND YEAR

(Given in each year)

Painting Since the Renaissance: Miss King.

Two hours a week throughout the year.

Northern painting: in the first semester the Flemish primitives, and the great masters of Spain and the Low Countries in the Seventeenth Century, are studied carefully; some acquaintance with the French and German primitives, and with the art of the Eighteenth Century in France and England is also comprehended in the plan.

Modern Painting: in the second semester the course deals with the history of painting since 1800 and comes down to the present year. Students are expected to make trips to Philadelphia and the neighbourhood to study pictures as often as may seem necessary.

Mediæval Art, Byzantine and Romanesque: Dr. E. Diez.

Three hours a week during the first semester.

Byzantine art in its various aspects is studied in the early part of the semester and the question of its origin considered. The latter part of the time is devoted to architecture and the allied arts in Italy, Germany, France and Spain up to the close of the Romanesque period.

Mediæval Art, Gothic: Mr. King. *Three hours a week during the second semester.*

A continuation of the course in Mediæval Art offered in the first semester. Gothic Art, including glass and miniatures, is traced down into the Renaissance. Emphasis will be placed on Gothic Architecture and Sculpture.

ADVANCED UNDERGRADUATE COURSES

Spanish Primitives: Miss King.

Three hours a week throughout the year.

(Given in 1929-30)

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Spanish Architecture: Miss King.

Three hours a week throughout the year.

(Given in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic Churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

* Granted leave of absence for the second semester of the year 1929-30.

† Far Eastern Art only will be given in 1929-30.

Renaissance Sculpture: Miss King.*Three hours a week throughout the year.*

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

Oriental Art: Dr. E. Diez.**Two hours a week during the first semester.**(Given in 1929-30)*

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the æsthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez.*Two hours a week throughout the year.**(Given in 1930-31)*

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the Seventeenth and Eighteenth Centuries.

HONOURS WORK**Honours**

Beginning in 1929-30 special work will be offered to students recommended by the department for honours in History of Art, either in Oriental Art, Mediæval Archæology, or in Renaissance and Modern Art. It will involve a scheme of reading and individual conferences and include the preparation of reports and special examinations. In the second semester of the year 1929-30 Mr. King will take over the work of Dr. Diez in directing candidates for honours.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 158 to 160.

Music**PROFESSOR: HORACE ALWYNE, F.R.M.C.M.****ASSOCIATE: ERNEST WILLOUGHBY, A.R.C.M.**

The undergraduate instruction offered in theoretical music covers fourteen hours of lectures a week.

The objects of the undergraduate course in music are to permit students to make music an integral part of a liberal education, and to enable them, through the courses in Harmony and Counterpoint, to gain a knowledge of the technique of composition by actual experience in using its materials, and, through the courses in History and Appreciation of Music, to realize the significance of great music æsthetically, historically and sociologically. In the latter courses a large number of compositions drawn from all forms of music are performed and discussed in the classes.

* Granted leave of absence for the second semester of the year 1929-30. Mr. Edward S. King will give advanced work in the second semester, the subject to be announced later.

The "Music Fund" of Boston, Massachusetts, offers a scholarship of the value of \$350 to \$500 to students, graduate or undergraduate, training to become teachers of music in public or private schools or colleges. This is open to students who have complied with the requirements for admission to Bryn Mawr College.

The Department of Music gives a series of concerts and recitals assisted by well-known artists, which is designed to supplement and amplify the work done in the Courses in History and Appreciation of Music, and an informal musicale once a month in which students take part as well as visiting musicians. A lecture is given each week outside college hours and open to all members of the College, on the programme to be performed by the Philadelphia Orchestra or by other important musical organizations or artists.

The chapel choir of forty members and the college glee club are organised under the direction of the Department of Music.

FREE ELECTIVE COURSES

History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Three hours a week throughout the year

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archæology, History of Art, and English will discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Three hours a week throughout the year.

(Given in each year)

The course in History and Appreciation of Music is required for admission.

This course consists of the study of the History of Music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, and Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

*Free
Elective
Courses*

Elementary Harmony: Mr. Willoughby. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing from notes and to take musical dictation.

This course is the beginning of composition. It does not impose upon the student mere copying of a model, but gives her some intellectual and æsthetic liberty. The student learns to use major and minor triads in their root positions and inversions and the dominant seventh chord. The student learns not only to write these logically but to hear them when writing them. Original melodies are required, these being based on poetic meters.

Elementary Counterpoint: Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course offers full opportunity for the expression of the individual student.

Advanced Harmony: Mr. Alwyne and Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony and carries the student through modern harmonic relations. Original melodies are written and harmonized, many modern compositions are analyzed, and an opportunity is given for freedom of expression.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found pages 160 and 161.

Mathematics

ASSOCIATE PROFESSOR:	DAVID VERNON WIDDER, Ph.D.
ASSOCIATE:	MARGUERITE LEHR, Ph.D.
NON-RESIDENT LECTURER:	ANNA PELL-WHEELER, Ph.D.
INSTRUCTOR:	R. LUCILE ANDERSON, A.B.

Preparatory Course

The undergraduate instruction offered in mathematics covers eighteen and a half hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year work and eight hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in mathematics.

In the second year course the students are able to gain a fair knowledge of the principal subjects belonging to the department of pure mathematics. The points of contact of mathematics with other sciences are indicated as far as possible throughout the course.

The two-hour course in trigonometry included in the first semester of the first year course in mathematics may be taken separately as a free elective. It is required for admission to the second year courses in physics.

An examination for advanced standing may be taken by those who do not wish to attend the course and yet wish to elect the first year course in mathematics or the second year course in physics.

FIRST YEAR

*1st Semester.**(Given in each year)*

Analytic Geometry: Dr. Lehr and Miss Anderson.

Trigonometry: Dr. Lehr and Miss Anderson.

Two hours a week.

The course in trigonometry may be taken separately as a free elective. The course in analytic geometry may be taken separately by those students only who have passed the examination for advanced standing in trigonometry.

**Major
Course***2nd Semester.*

Elementary Differential and Integral Calculus: Miss Anderson.

Three hours a week.

Algebra and Theory of Equations: Dr. Lehr.

Two hours a week.

The three-hour and two-hour courses in this semester may not be elected separately.

SECOND YEAR

*1st Semester.**(Given in each year)*

Differential and Integral Calculus: Dr. Widder.

Three hours a week.

Analytical Geometry of three Dimensions and Calculus: Dr. Lehr.

*Two hours a week.**2nd Semester.*Calculus, General Survey of Mathematics: Dr. Widder. *Three hours a week.*

Differential Equations: Dr. Lehr.

Two hours a week.

The three-hour and two-hour courses in each semester may not be elected separately.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

**Advanced
Courses**

The advanced courses chosen from in any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder.

Three hours a week throughout the year.

Applications of Calculus: Dr. Wheeler.

Two hours a week throughout the year.

Modern Geometry: Dr. Lehr.

Three hours a week throughout the year.

Projective Geometry: Dr. Lehr.

Two hours a week throughout the year.

Introduction to the Theory of Functions of a Real Variable: Dr. Wheeler.

Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of Mathematics.

Introduction to the Theory of Functions of a Complex Variable: Dr. Widder.

Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of Mathematics.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 161 and 162.

SCIENCE

Physics, Chemistry, Geology, Biology

In January, 1893, the Trustees opened Dalton Hall, a large building, containing ample laboratories, lecture-rooms, research-rooms, special libraries, and professors' rooms for the work of the scientific departments. The chemical, geological, biological, and physical laboratories are open for students from nine to six daily.

The attention of graduates of medical colleges and of undergraduate and graduate students intending to take the degree of Doctor of Medicine is called to the facilities offered by the laboratories, and to the resolutions of the Trustees of the Johns Hopkins University in regard to the admission of students to the Medical School of that University, which opened in the autumn of 1893, and has from the first admitted women on the same terms as men. The courses of Bryn Mawr College in physics, chemistry, and biology correspond to those of Johns Hopkins University,[†] and it is

[†] REQUIREMENTS FOR ADMISSION TO THE MEDICAL DEPARTMENT OF JOHNS HOPKINS UNIVERSITY

"As candidates for the degree of Doctor of Medicine the school receives a maximum of 75 students in each class who must present the qualifications indicated below:

1. Those who have satisfactorily completed the Chemical-Biological Course which leads to the A.B. degree in this University.

2. Graduates of approved Colleges or Scientific Schools who can furnish evidence: (a) That they have acquaintance with Latin and a reading knowledge of French and German; (b) That they have such knowledge of biology, chemistry, and physics as may be obtained from the minimal courses as follows: BIOLOGY.—Three hours of class work per week for one year, and 180 hours of laboratory work upon the structure, functions and life-histories of selected types of animal and plant life. It is desirable that the course should include laboratory instruction in embryology. Courses in botany or zoölogy will be accepted provided the laboratory work has been adequate. CHEMISTRY.—Two years of college work, in which two-thirds of a year should be devoted to organic chemistry. Each year's course should comprise three classroom exercises a week and five or preferably six hours of laboratory work. This represents only a minimal training, and three years' work is advised, including a short course of lectures and demonstrations in elementary physical chemistry.

3. Students who have completed in Johns Hopkins University 110 of the 125 points required for the Bachelor's degree, including the required work in biology, chemistry, and physics, and in the languages, may be admitted to the Medical School, and will receive the degree of Bachelor of Arts when they have satisfactorily completed one year of work therein. The privilege, however, will be accorded only when the college standing averages 85 or more.

As it has been ascertained that certain acceptable institutions will have difficulty in providing students with additional work the decision to require three years' preparation in chemistry from October, 1923, has been rescinded. It is understood, however, that applicants presenting such preparation will be given preference.

In view of the increasing employment of mathematical conceptions in chemical work, students expecting to take up the study of medicine are advised to include one year of mathematics in their college course. (See footnote, page 83.)

easy for a student to elect a course corresponding exactly to the Preliminary Medical Course of Johns Hopkins University. Students planning to begin the study of medicine should elect physics for one year and biology for two years and chemistry for two or three years.

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.

JAMES BARNES, Ph.D.

INSTRUCTOR: SUE AVIS BLAKE, M.A.

The undergraduate instruction offered in physics covers fourteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work, one or two hours a week of free elective work and three hours a week of advanced courses, open only to graduates and to undergraduates who have completed the major courses in physics.

The first year of the major course deals principally with the development of physical facts and is accordingly mainly experimental and descriptive in its nature. A wide range of physical phenomena and the elements of physical theories are treated. The course is planned to cover the whole subject from this point of view so as to give those who do not intend to pursue physics further, such a knowledge of its principles as will enable them to follow its recent development and applications, and also to provide those electing physics as a group with a good foundation for more advanced work. In the second year the course is intended to serve as an introduction to the theories to which experimental evidence has led. The treatment is accordingly more mathematical than in the first year, but the experimental side of the subject is still emphasized. A knowledge of trigonometry is required, and some familiarity with the methods of the calculus will be of assistance.

FIRST YEAR

1st Semester.

(Given in each year)

Mechanics, Heat, Sound, and Properties of Matter: Dr. Huff.

Three hours a week

Laboratory Work: Dr. Huff and Miss Blake.

Six hours a week.

2nd Semester.

Electricity, Magnetism, and Light: Dr. Barnes.

Three hours a week.

Laboratory Work: Dr. Barnes and Miss Blake.

Six hours a week.

The instruction in this course is given by means of lectures, daily oral quizzes, occasional written quizzes, regular problem papers, and required private reading. Students are

(Continued from footnote, page 82.)

PHYSICS.—A collegiate course consisting of three hours of class work per week for one year and at least 120 hours of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

LATIN.—The student must have studied Latin grammar and possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

The requirements for admission to the Medical College of Cornell University include English and a modern language.

The Woman's Medical College of Pennsylvania admits students of Bryn Mawr College who have pursued the chemical-biological course that leads to the A.B. or the Ph.D. degree.

**Major
Course**

expected to use, in connection with the lectures, text-books on the special part of the subject under discussion; at present Kimball's *College Physics* is used for reference; also the text-books of Ames and Glazebrook. The lectures are illustrated throughout by means of the lantern, by demonstrations on the lecture table, and by the exhibition of apparatus, etc.

In the laboratory, the students are first instructed in the methods of accurate measurement of the simple quantities, length, time, and mass; later, they make a series of determinations, mainly quantitative, on the part of the subject under discussion in the lecture room at the time. Ames and Bliss's *Manual of Experiments in Physics* is found useful as a reference work for part of this course. A system of laboratory lectures has also been developed to supplement the class-room work, to point out sources of error and their treatment, to demonstrate methods of manipulation, and, in general, to give directions for working which are applicable to the class as a whole; they are given at the beginning of each week's laboratory work. The object of the work is to familiarize the students with the instruments and methods used in physical measurements, with special reference to the quantitative laws upon which the science is based. The laboratory is equipped with this object in view, and the apparatus is all of the most modern design.

SECOND YEAR

1st Semester.

(Given in each year)

Theoretical Mechanics, Theory of Light: Dr. Barnes.

Three hours a week.

Laboratory Work: Dr. Barnes and Miss Blake.

Six hours a week.

2nd Semester.

Theory of Heat, Theory of Electricity and Magnetism: Dr. Huff.

Three hours a week.

Laboratory Work: Dr. Huff and Miss Blake.

Six hours a week.

The instruction is given by lectures, supplemented by the discussion of weekly problem papers; the text-books mentioned below indicate the character of the ground covered, and form the basis of the lectures. Private reading and outside preparation will take at least three and a half hours a week, and the course counts as a five-hour lecture course. An endeavour is made to bring the student into contact with the work of original investigators.

The general text-book used is Watson, *Physics*; the books used in special subjects are as follows: heat: Maxwell, *Theory of Heat*, Preston, *Theory of Heat*; dynamics: selections from Tait and Steele's *Dynamics of a Particle*, Jean's *Theoretical Mechanics*; and special lectures dealing with the applications of dynamics to physical problems; electricity and magnetism: J. J. Thomson, *Elements of the Mathematical Theory of Electricity and Magnetism*; optics, physical and geometrical: Preston, *Theory of Light*, Edser, *Light*.

The laboratory work of the second year is designed to follow and illustrate the subject-methods of physical investigation. A special study is made of the sources and amounts of the errors involved in the different operations, and the problems assigned are adapted as far as possible to the requirements and wishes of the individual students.

FREE ELECTIVE COURSES

Free Elective Courses

Physical Basis of Music: Dr. Huff.

One hour a week throughout the year.

(Given in 1929-30 and again in 1931-32)

In the lectures of this course it is planned to present some of the physical principles illustrated in the construction of musical instruments and underlying the general theory of music. Private reading is assigned.

Descriptive Astronomy: Dr. Huff.

One hour a week throughout the year.

(Given in 1930-31 and again in 1932-33)

This course is elementary. Students will use a text-book and star-maps and will do some general reading on assigned topics. Lecture-experiments and lantern-slides will be used. The course is open to juniors and seniors only, but not to auditors or hearers.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

Electricity and Magnetism: Dr. Huff. *Three hours a week throughout the year.*

(Given in 1929-30)

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff. *Three hours a week during the first semester.*

(Given in 1931-32)

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff. *Three hours a week during the second semester.*

(Given in 1931-32)

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes. *Three hours a week throughout the year.*

(Given in 1932-33)

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes. *Three hours a week during the first semester.*

(Given in 1930-31)

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes. *Three hours a week during the second semester.*

(Given in 1930-31)

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 163 and 164.

Chemistry

PROFESSOR: JAMES LLEWELLYN CRENSHAW, Ph.D.
 ASSOCIATE PROFESSOR: LOUIS FREDERICK FIESER, Ph.D.
 INSTRUCTOR: EDITH HAMILTON LANMAN, M.A.

The undergraduate instruction offered in chemistry covers fifteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work and five hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in chemistry.

The first year's work is a general introduction to the subject. Lectures are given in inorganic chemistry and qualitative analysis.

In the second year particular attention is paid to the quantitative side of chemical phenomena. The lectures are on physical and organic chemistry.

The advanced undergraduate courses are intended to prepare students for independent work, particular attention being paid to laboratory methods.

FIRST YEAR

1st Semester.

(Given in each year)

Major Course

Introduction to General Chemistry: Dr. Crenshaw. *Three hours a week.*
 Laboratory Work: Dr. Crenshaw, Miss Lanman. *Six hours a week*

The course does not presuppose any knowledge of chemistry. In the class-room the nature of chemical action is taught by lectures that are illustrated by a series of experiments in which the more important substances are made and transformed, the time being spent largely on the non-metals. Throughout the semester the lectures and the laboratory work are complementary. After all the experiments on a given subject have been carried out the results are discussed in the class-room.

2nd Semester.

The Chemistry of the Metals: Dr. Fieser. *Three hours a week*
 Laboratory Work: Dr. Fieser, Miss Lanman. *Six hours a week.*

This course deals with the properties of the more important metallic elements and their compounds. The methods of separation employed in the laboratory are discussed, and the fundamental principles upon which these methods of separation are based are emphasized. The lectures are supplemented by required private reading.

The laboratory work consists of qualitative analyses. The students are first taught to identify the basic and acidic constituents of solutions; later they are required to carry out analyses of a few alloys and salts.

SECOND YEAR

*1st Semester.**(Given in each year)*

Organic Chemistry: Dr. Fieser.

Three hours a week.

The methods of preparation and the behaviour of the various classes of organic compounds are studied. Emphasis is laid on the processes of reasoning by which the constitution of organic compounds is established.

Laboratory Work: Dr. Fieser.

Six hours a week.

The laboratory work is devoted to organic preparations. Simple representatives of the more important classes of organic compounds are first prepared and their typical reactions studied. After a familiarity with the methods of dealing with organic substances has been gained, syntheses of a few of the more complex organic compounds are carried out.

2nd Semester.

Lectures on Elementary Physical Chemistry: Dr. Crenshaw.

Three hours a week.

In this course chemical facts are considered from the point of view of common and exact relations and from these relations the laws and theories of chemistry are developed. Special attention is paid to the atomic theory, the laws of gases, the theory of solutions and electrochemistry. Private reading and outside preparation amounting to at least three and a half hours are required.

Laboratory Work: Dr. Crenshaw.

Six hours a week.

The laboratory work consists of quantitative analyses. Each exercise is important in itself and illustrates some principle or involves some manipulation of general application in analytical work.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Course*

Physical Chemistry: Dr. Crenshaw.

*Two hours a week throughout the year.**(Given in each year)*

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser. *Two hours a week throughout the year.**(Given in each year)*

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman. *One hour a week throughout the year.*
(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 164 to 166.

Geology

ASSOCIATE PROFESSOR: MARLAND PRATT BILLINGS, Ph.D.
ASSOCIATE: RALPH STEWART, Ph.D.

The first year of the major course may be taken as a free elective or as a year of required science or as the first year of the major course in geology.

To major in geology an undergraduate must take a total of fifty semester hours in geology and allied subjects. Thirty of these hours should be in the department of geology and include the following courses: elementary geology (5 hours), historical geology (5 hours), systematic paleontology (5 hours), structural geology (5 hours), and determinative mineralogy (10 hours). Ten additional semester hours should be in an allied science, either physics, chemistry, or biology. The final ten semester hours may be either advanced courses in the department of geology or courses in an allied science, either physics, chemistry, or biology, or in some subject which meets the approval of the department.

All the advanced courses require certain preliminary courses as prerequisites as listed below.

Any student wishing to major in geology is advised to take the elementary courses (elementary geology and historical geology) not later than her sophomore year.

FIRST YEAR

1st Semester.

(Given in each year)

Major Course

Elementary Geology: Dr. Billings.

Three hours a week.

Field Work and Laboratory Work: Dr. Billings.

Six hours a week.

The lectures deal primarily with the processes that alter the form of the surface of the earth. The effects of the wind, rivers, glaciers, oceans, volcanoes and mountain building forces are considered. During October and November a field excursion is taken every Monday afternoon to localities of geologic interest. These trips illustrate the composition, origin, folding and erosion of rock masses. In the laboratory, which is held during December and January on Monday and Tuesday afternoons from two to four, an elementary study of minerals, rocks and land forms as illustrated by topographic maps is undertaken.

2nd Semester.

Historical Geology: Dr. Stewart.

Three hours a week.

Field Work and Laboratory Work: Dr. Stewart.

Six hours a week.

The history of the earth and its inhabitants as read from the record of the rocks. Laboratory work includes a study of characteristic fossils, and geological folios of the United

States Geological Survey. In the spring field trips may be substituted for laboratory work. One all day field trip, on Saturday, will be substituted for two half day trips.

SECOND YEAR

1st Semester.

(Given in each year)

(The second and third year courses may be reversed, the second year course being taken the third year and the third year course the second year.)

Systematic Paleontology: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Invertebrate fossils are studied in detail. Vertebrate fossils and plants are studied more generally. Some field work or reading may be substituted for the laboratory work.

2nd Semester.

Structural Geology: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

In addition to the laboratory and lectures there will be reading of geological literature. A brief summary is made of the various types of geologic structures followed by a detailed study of the Appalachian Mountains, the North American Cordillera, the northwest highlands of Scotland and the Alps. The shape and the mechanics of intrusion of igneous masses are also considered.

THIRD YEAR

(Given in each year)

(This course may be taken the second year)

Determinative Mineralogy: Dr. Billings.

Three hours a week throughout the year.

Laboratory Work: Dr. Billings.

Five hours a week throughout the year.

A systematic study of minerals is made. The various tests are used: physical properties, crystallography, blow-pipe analysis and chemical tests. The various mineral groups are then studied: native elements, sulphides, etc. In the fall and spring some field trips to near-by localities may replace laboratory work. (Students majoring in the Department of Chemistry may take this course without having had any of the first or second year geology courses.)

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

**Advanced
Courses**

(Given in each year)

1st Semester.

Optical Mineralogy: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six hours to laboratory and some reading. The course deals with the principles of optical mineralogy and a full training if given in the emersion method of mineral identification. This course is essential for all courses in petrography and petrology.

Prerequisites: elementary geology, historical geology, determinative mineralogy.

2nd Semester.

Descriptive Petrography: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six to laboratory and some reading. The course deals with the mineralogy, texture, chemistry, origin, and geographic distribution of igneous rocks.

Prerequisites: elementary geology, historical geology, determinative mineralogy and optical mineralogy.

(Given in each year)

Stratigraphy and Paleontology: Dr. Stewart.

Three hours a week throughout the year.

Laboratory Work: Dr. Stewart.

Six hours a week throughout the year.

Three hours a week are devoted to lectures, six hours a week to laboratory. The work of the first semester consists of lectures and assigned reading in sedimentation. This is studied by a study of the successive formations and their faunas.

Prerequisites: elementary geology, historical geology, systematic paleontology, and structural geology

(Given in each year if the time of the Department permits)

1st Semester.

Glaciology: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Three hours a week are devoted to lectures, six hours to reading. This course considers the erosive and depositional features of mountain and continental glaciers. Particular emphasis is on the Pleistocene, but the earlier Ice Ages are also considered.

Prerequisites: elementary geology and historical geology.

2nd Semester.

Advanced Physiography: Dr. Stewart.

Three hours a week

Laboratory Work: Dr. Stewart.

Six hours a week.

Three hours a week are devoted to lectures, six hours to reading, laboratory, or field trips. This course deals with land forms and their origin. Selected areas are also studied.

Prerequisites: elementary geology and historical geology

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in Part II on pages 166 to 168.

Biology

PROFESSOR: DAVID HILT TENNENT, Ph.D.

ASSOCIATE PROFESSOR: FRANZ SCHRADER, Ph.D.

ASSOCIATES: DOROTHEA EGLESTON SMITH, Ph.D.

MARY SUMMERFIELD GARDINER, Ph.D.

INSTRUCTOR: SALLY HUGHES SCHRADER, Ph.D.

The undergraduate instruction offered in biology includes the equivalent of ten hours a week of undergraduate first and second year work; one hour a week of free elective work; and nine hours a week of advanced courses open to graduates and to undergraduates who have completed the major course in biology.

The work of the first year course forms a general introduction to the subject through a broad, comparative study of living things (general biology). In the second year the foundation of a minuter knowledge of animal morphology and physiology is laid. The third year's work, or advanced course, is devoted to the study of more advanced subjects and

the practical investigation of simple problems. A knowledge of the elements of chemistry and physics is desirable for students entering any course in biology, and is necessary for advanced work in the subject.

FIRST YEAR

*1st Semester.**(Given in each year)*

Lectures on General Biology: Dr. S. H. Schrader.

*Three hours a week.*Laboratory Work: Dr. S. H. Schrader and Dr. Gardiner. *Six hours a week.***Major
Course***2nd Semester.*

Lectures in General Biology: Dr. F. Schrader.

*Three hours a week.*Laboratory Work: Dr. F. Schrader and Dr. Gardiner. *Six hours a week.*

The object of this course is to give the student clear conceptions of the fundamental principles of morphology and physiology and of the relations of the biological sciences to one another and to other branches of science. The laboratory practice is designed to enable the student, as far as possible, to examine for herself the facts discussed in the lectures, to encourage the habit of exact observation, and to impart a knowledge of methods of practical work.

The general subject is treated in two courses which supplement each other and must be taken together. The work is designed not simply to teach the elements of zoölogy and botany, as commonly understood, but in addition to treat plants and animals with constant reference to one another, both as to structure and mode of action. Emphasis is therefore laid on the essential facts of comparative morphology and physiology (general biology) as illustrated by the thorough study of a few types, rather than on the minutiae of classification. At the same time the work is arranged with reference to subsequent special work in zoölogy, botany, and physiology.

In the first semester the student studies a number of animals and plants, so arranged as to form a natural progressive introduction to the general principles of biology. The student makes a detailed examination of unicellular organisms, and from these proceeds gradually to the complex conditions of structure and function found in higher animals and plants. In the second semester attention is given mainly to the biology of the higher animals. Two-thirds of the semester is devoted to a study of the morphology and physiology of vertebrates; the remainder of the semester to a study of the embryology of the frog and, in greater detail, that of the chick.

SECOND YEAR

*1st Semester.**(Given in each year)*

General Zoölogy: Dr. F. Schrader.

*Three hours a week.*Laboratory Work: Dr. F. Schrader and Dr. Gardiner. *Six hours a week.*

This course extends the work of the first year so as to include a survey of the morphology and taxonomy of all the main groups of invertebrate animals. Part of the course is devoted to a critical analysis of the theory of evolution and discussions of the broader philosophical problems of biology such as heredity, variation, adaptation, and kindred topics. These lectures vary from year to year and are intended to be suggestive rather than exhaustive in character.

2nd Semester.

Introduction to Physiology: Dr. Gardiner.

Three hours a week.

Laboratory Work: Dr. Gardiner.

Six hours a week.

The aim of this course is to present the facts of the physiological processes in the animal body. Digestion, respiration, circulation, nervous and muscular activity are studied from the point of view of the processes themselves rather than that of the physical and chemical principles underlying them. A previous knowledge of chemistry is not required.

FREE ELECTIVE COURSE

*Free
Elective
Course*

Theoretical Biology: Dr. Tennent.

*One hour a week throughout the year.**(Given in each year)*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Embryology of Vertebrates: Dr. Tennent. *One hour a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick, and Pig. At least four hours of laboratory work are required.

The course is divided as follows: First semester, Early stages of Development. Second semester, Organogeny.

Biology of Bacteria and Protozoa: Dr. F. Schrader.

*One hour a week throughout the year.**(Given in 1929-30)*

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.

*One hour a week throughout the year.**(Given in 1930-31)*

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

(Given in each year)

Biochemistry: Dr. Smith.

Two hours a week throughout the year.

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed the major course in chemistry, will be admitted. Two hours a week of laboratory work are required.

Physiology: Dr. Smith.

Three hours a week during the second semester.

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1929-30 students who have completed the first semester's work in the major course in biology and can meet the prerequisite in chemistry, may enter this course. Six hours a week of laboratory work are required.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the courses offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

GRADUATE WORK

Graduate work is offered in this department. Seminars are arranged in a three-year cycle. Further information will be found in Part II on pages 168 to 170.

Physical Education

DIRECTOR: JOSEPHINE PETTS
ASSISTANT DIRECTOR: MARNA V. BRADY, M.A.
INSTRUCTOR: JANET SEELEY, A.B.

The Physical Education requirement for Freshmen consists of two hours a week of some one activity or of rest, according to the advice of the College Physician and the Director of Physical Education based upon the student's Physical Examination, and one hour a week of Body Mechanics for fifteen weeks during the winter.

Freshmen

For Sophomores the Physical Education requirement is the same as for Freshmen except that one hour a week of Hygiene throughout one semester takes the place of the Body Mechanics course.

Sophomores

Physical Education classes are divided into three sections: Autumn, Winter, Spring. The required work in each section for two years must be satisfactorily completed for graduation as well as the Freshman Swimming Test which consists of:

1. Dive—plain front.
2. Sink and come up twice.
3. Float for two minutes.
4. Swim for twenty minutes, using any stroke, floating and treading water included.

In the autumn, Freshmen and Sophomores may elect their required work, with the consent of the College Physician and the Director of Physical Education, from the following list: Hockey, Fencing, Archery, Swimming, Tennis, Sun Baths.

Autumn

During the winter, the required work for those students who have not passed the swimming test consists of two periods a week of swimming. The only exceptions to this are made by the College Physician. The students who have passed the swimming test may elect their Physical Educa-

Winter

tion classes from the following list: Swimming, Natural Dancing, Clog Dancing, Tumbling, Basket Ball, Lacrosse, Fencing, Water Polo (for those students only who have passed their Physical Examinations with a grade of A or A+), Sun Baths.

Spring

The spring program of Physical Education may be chosen from the following list: Lacrosse, Fencing, Tennis, Swimming, Dancing, Archery.

Upper- classmen

It is expected that the Juniors and Seniors, being aware of the value of play in a busy existence, will take advantage of the opportunities offered them at college to learn well some sport that appeals to them for future use as well as for the purpose of keeping fit while they are here.

Every provision will be made for the Juniors and Seniors in the way of instruction. All the Freshman and Sophomore required classes in sports are open to them. It is an obviously necessary rule, however, that all upperclassmen taking a required sports course must attend regularly so as not to retard the progress of the class. Special advanced work will be arranged for upperclassmen who are ready for it.

Department of Health

1929-30

PRESIDENT OF THE COLLEGE:	MARION EDWARDS PARK, * Ph.D., LL.D.
ACTING PRESIDENT OF THE COLLEGE:	HELEN TAFT MANNING, Ph.D.
ACTING DEAN OF THE COLLEGE AND CHAIRMAN OF THE COMMITTEE:	MARGARET MILLICENT CAREY, Ph.D.
DEAN OF THE GRADUATE SCHOOL:	EUNICE MORGAN SCHENCK, Ph.D.
DIRECTOR OF PHYSICAL EDUCATION:	JOSEPHINE PETTS
PHYSICIANS OF THE COLLEGE:	THOMAS F. BRANSON, M.D. MARJORIE JEFFERIES WAGONER, M.D.
WARDENS:	JOSEPHINE FISHER, A.B. GRACE EVANS RHOADS, A.B. KATHERINE MARY PEEK, A.B. JULIA WARD, A.B. HELEN BOND CRANE, M.A. KATHARINE ELISE MCBRIDE, M.A.
SENIOR RESIDENT:	CATHERINE PALMER ROBINSON, M.A.

Health Certificate

All entering students are required to file at the office of the Dean of the College a report of a recent medical examination filled out and signed by a physician, on a blank to be secured from the College.

Vaccination

Every entering student must as well file a physician's certificate stating that she has been vaccinated against smallpox during the year preceding her registration at college and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination at entrance will be vaccinated by the College Physician, for which a fee of five dollars will be charged. There is no exception to this rule.

* Granted leave of absence for the year 1929-30.

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance, and before the beginning of her junior year. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

*Oculist
Certificate*

Every undergraduate student and hearer is examined each year by the Resident Physician of the College, and twice each year by the Director of Physical Education with reference to physical development, strength of heart and lungs, and general health. The Physician in Chief of the College acts as consultant and is called in all serious cases.

*Physical
Examination*

Any student who, at the time of the examination or at any other time during the year, is not in good health is placed on the health supervision list, is required to follow the special régime prescribed, and her extra-curriculum activities may be limited.

*Health
Supervision*

The Director of Physical Education receives the reports of students under medical treatment, keeps records of the health of all students and endeavors, by interviews and advice on personal hygiene, to maintain and improve the health of the students. All students are urged by the Health Department to take some out-of-door exercise in addition to their periods of physical training.

Eminent specialists practising in Philadelphia have consented to serve as consulting physicians of the college. The Associate Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Office hours are:

*Physicians
and
Nursing*

8.30 to 9.30 A. M., daily except Saturday and Sunday.

10.00 - 12.30 A. M., by appointment, for special interviews of an advisory nature.

3.30 to 4.00 P. M., daily, for employees.

4.00 to 5.30 P. M., daily except Saturday and Sunday, for medical dispensary.

9.00 - 10.00 A. M., Saturday.

Sunday, by appointment only.

The infirmary fee of \$20.00 paid by each resident undergraduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share, the expense of a special nurse, the infirmary fees, which are \$6.00 a day, and also hospital or sanitarium charges should she be removed from the college by order of the Physician in Chief.

Infirmary

A special nurse for one student costs approximately \$7.10 per day or \$49.40 per week, which includes nurse's fee, board and laundry. The infirmary fee is \$6.00 per day. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

All communications concerning the health of the students from parents and guardians, outside physicians, and others should be addressed to the Dean of the College, who will excuse students for absence before and after vacations on account of serious illness and from attendance on academic work during the time that they are in the infirmary or seriously ill at home. Any student who becomes ill when away from the college is asked to notify immediately the Dean of the College.

GENERAL INFORMATION

Halls of Residence

Plans and descriptions of the academic buildings and the undergraduate halls of residence, Merion Hall, Rockefeller Hall, Pembroke Hall East, Pembroke Hall West, and Wyndham, with full information regarding the charges for rooms, are published as Part 4 of the Bryn Mawr College Calendar and may be obtained, by application, from the Secretary and Registrar of the College. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke, which has a common dining-room and kitchen for the two wings and for Wyndham. Students from Wyndham take their meals in Pembroke. Each hall provides a separate room for each of the sixty or seventy students, except Wyndham, which has six double bedrooms and five single rooms, and provides accommodation for seventeen students. All rooms are furnished with a bed, bureau, table desk, straight chair, desk chair, and bookcase, but students are expected to furnish their own rugs, curtains, and towels. All necessary service is supplied by the college. Though there are open fire-places in many studies and single rooms, all rooms are adequately heated by steam heat controlled by a thermostat. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the college.

A deposit of fifteen dollars must be made by each resident student to reserve her room for the following academic year. Normally the deposit will be deducted from the rent of the room. It will be refunded only under the following circumstances:

(a) If a student of the college gives formal notice of the withdrawal of her reservation to the Secretary and Registrar before May 1 preceding the academic year for which reservation was made.

(b) If a candidate for admission in October gives formal notice of the withdrawal of her application to the Secretary and Registrar before August 1 preceding the academic year for which the application was made.

(c) If a former student who has applied for re-admission in February gives formal notice of the withdrawal of her application to the Secretary and Registrar before January 1 preceding the semester for which the application was made.

Otherwise the deposit will be forfeited to the college.

Every applicant reserving a room after September 1 or failing to withdraw her application by that date, not occupying the room or vacating it during the year, prevents another student from admission to college as a resident. Therefore, unless formal notice of withdrawal of an application for the approaching year is received by the Secretary and Registrar by September 1, the applicant is held responsible for the rent of the room reserved, or in case no definite assignment has been made, for the minimum of one hundred and seventy-five dollars. Room rent is subject to remission or deduction only if the college is able to re-rent the room. The applicant is not permitted to dispose of such vacant rooms.

Withdrawal

Non-Resident Students

Accommodation is made for students living with their families in Philadelphia and vicinity. There is a club-room for non-resident students in Goodhart Hall, a coat room in Taylor Hall and one in the library, and non-resident students also have the full use of the large Common Room in Goodhart Hall.

Non-resident students are liable in whole or in part for all undergraduate fees except those for residence in the halls and infirmary fees.

Expenses for Undergraduate Students

Fees for Tuition

Though the average cost of teaching each undergraduate student is estimated at about eight hundred and forty dollars, the tuition charge for undergraduate students and for hearers is four hundred dollars a year. The difference between the actual cost and the price of tuition must be met from the small endowment funds of the college and by private gifts. Voluntary contributions from parents able and willing to pay this additional four hundred and forty dollars, in whole or part, will be used for scholarships for students unable to pay the regular tuition fee of four hundred dollars. No reduction of the tuition fee can be made on account of absence, illness, or dismissal during a semester, or for any other reason and no refund will be made in case of advance payment.

Fees for Board and Residence

The charge for board at the college is four hundred dollars a year, payable half-yearly in advance. The total fee for board and residence depends upon the room or rooms occupied by the student. About one-tenth of the rooms in the college rent for seventy-five dollars, making the cost of board, residence, and tuition for undergraduate students eight hundred and seventy-five dollars, but students desiring to apply for rooms at seventy-five dollars must file a statement at the office of the Secretary and Registrar that they are unable to afford rooms at a higher price. The rooms have different rentals depending upon the size and location, varying from seventy-five to five hundred and fifty dollars. Room rent is payable yearly in advance.

Reduction of Fees on Account of Illness

In case of prolonged illness and absence from college extending over six weeks or withdrawal from the college for a period of six weeks or more, there will be a special proportionate reduction in the charge for board, provided that written notice be given to the Dean of the College and to the Comptroller at the time of withdrawal, or, in case the student is ill at home, as soon as possible after her illness is known. Verbal notice to wardens or instructors is not sufficient to secure the above allowance.

Residence in Vacations

Students who wish to remain at the college during the Christmas and Easter vacations should apply to the Warden for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but accommodation may be obtained near the college campus. During the Easter vacation the halls of residence are in general kept open and undergraduates and graduate students may occupy their rooms at a fixed rate.

Students remaining during any part of the Christmas or Easter vacations in Bryn Mawr, or in the immediate neighborhood, not in their own

homes, are required to take advantage of the arrangements made by the college and will be charged according to the length of stay. A student not going to her own home is required to inform the Warden of her hall in advance of her intention to spend the vacation elsewhere and to register her address with her Warden.

For undergraduate students taking one laboratory course of four or more hours a week there is an additional charge of fifteen dollars a semester for materials and apparatus; for students taking two laboratory courses of four or more hours a week a charge of twenty-five dollars a semester; and for students taking three laboratory courses of four or more hours a week a charge of thirty dollars a semester. A charge of seven dollars and fifty cents a semester is made for students taking a laboratory course of less than four hours a week.

In courses in Geology each hour of field work is counted as one hour of laboratory work. Not more than one laboratory course is required of candidates for a degree.

*Laboratory
Fees*

Summary of Expenses for Undergraduate Students

Tuition for the academic year, payable October 1st . . .	\$400.00
Room-rent for the academic year, payable October 1st or upwards, depending on the room or rooms occupied.	75.00
Infirmary fee for the academic year, payable October 1st.	20.00
Board for the academic year, payable in equal instal- ments, October 1st and February 1st.	400.00
<hr/>	
Total for tuition, residence, and infirmary fee for the academic year with minimum room-rent.	\$895.00
Laboratory fees, for laboratory course of less than four hours a week for the academic year.	15.00
For laboratory course of four or more hours a week for the academic year.	30.00

Summary

In the course in History and Appreciation of Music a charge of one dollar and twenty-five cents a semester is made for the purchase of necessary books and material.

*Incidental
Fees and
Charges*

The graduation fee is twenty dollars, payable in the senior year.

Every student who enters the college must register her courses within two weeks after entrance. A charge of one dollar will be made for each change made in the course after it has been definitely registered.

A fee of seven dollars a year is charged to each resident undergraduate, and a fee of three dollars and fifty cents a year to each non-resident undergraduate for the up-keep of the athletic fields.

Every student except a member of the freshman class who moves from one hall to another is charged a fee of ten dollars for moving, and every student except a member of the freshman class who moves from one room to another in the same hall is charged a fee of five dollars. This fee entitles a student to have five pieces moved free of charge.

The fees are due on the first day of each semester and students whose fees are not paid before November first in the first semester or before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

*College
Regulation
on Fees*

SCHOLARSHIPS

Entrance Scholarships

Each year the College awards four competitive matriculation scholarships of \$100 each. One scholarship is given in each of the following districts: (a) The New England States; (b) New York, New Jersey, and Delaware; (c) Ohio, Illinois, Michigan, Wisconsin, and the states west of the Mississippi River; (d) Pennsylvania and all places not otherwise mentioned. While the candidate's district is determined by the location of the school where she receives her final preparation, or, if preparation has been by private tuition, by her place of residence during the preceding year, candidates may present themselves for examination at any examination center. These scholarships, to be held for one year, are awarded for the highest general average obtained in each district. All regular candidates for matriculation who intend to spend at least one year at Bryn Mawr College, who have not cancelled an examination division, who have not received more than a two point condition, and whose general average is 75 per cent or above, are eligible and are without formal declaration candidates for these scholarships. When two divisions are taken conditions incurred in the first division and removed in the second are not counted.

TABLE OF MATRICULATION SCHOLARSHIPS FROM 1920-1928

Matriculation Scholarships

	(a) <i>New England States</i>	
	First Scholarship	Honorable Mention
1920.	Anne McDowell Shiras, The Ethel Walker School, Simsbury, Conn.	Henrietta Eleanor Pavenstedt, The Ethel Walker School, Simsbury, Conn.
1921.	Katherine Stevens Fowler, The Winsor School, Boston, Mass.	Blanche Theodora Hill, The Winsor School, Boston, Mass.
1922.	Elizabeth Howland Nowell, The Ethel Walker School, Simsbury, Conn.	Harriet Virginia Pratt, The Ethel Walker School, Simsbury, Conn.
1923.	Agnes Ellen Newhall, Boston Girls' Latin School, Boston, Mass.	No mention.
1924.	Barbara Channing, The Winsor School, Boston, Mass.	Frances Louise Putnam, The Girls' Latin School, Boston, Mass.
1925.	Grace Isabel DeRoo, Boston Girls' Latin School, Boston, Mass.	Alice Katharine Mercer, Dana Hall, Wellesley, Mass.
1926.	No award	No mention.
1927.	Lucy Sanborn, Andover Academy, Andover, Mass.	Elisabeth Livermore, Winsor School, Boston, Mass.
1928.	Alice Whitcomb Rider, Girls' Latin School, Boston, Mass.	Agnes Knopf, Rosemary Hall, Greenwich, Conn.

(b) *New York, New Jersey, and Delaware*

	First Scholarship	Honorable Mention
1920.	Mary Minott, The Brearley School, New York City.	Helen Ayer Dillingham, Miss Beard's School, Orange, N. J.
1921.	Helen Anastasia Hough, The Brearley School, New York City.	Jane Abbott, The Brearley School, New York City.
1922.	Delia Nicholas Smith, East Orange High School, East Orange, N. J.	Elizabeth Roylance, Englewood High School, Englewood, N. J.
1923.	Sarah Livingston Jay, The Brearley School, New York City.	Marion Howard Smith, The Brearley School, New York City.
1924.	Josephine Young, The Brearley School, New York City.	Margaret Harper McKee, The Brearley School, New York City.

First Scholarship

- 1925 Mary Randolph Grace, The Brearley School, New York City.
- 1926 Constance Hand, The Brearley School, New York City.
- 1927 Rhys Caparn, The Brearley School, New York City.
- 1928 Charlotte Beatrice Einsiedler, Kent Place School, Summit, N. J.

Honorable Mention

- Eva Douglas Wise, The Brearley School, New York City.
- Constance Seager Sullivan, The Brearley School, New York City.
- Francis Swift Tatnall, The Misses Hebbs' School, Wilmington, Delaware.
- Yvonne Guyot Cameron, Miss Fine's School, Princeton, N. J.

(c) *Western States*

First Scholarship

1920. No award.
1921. Clara Louise Gehring, The Laurel School, Cleveland, O.
1922. No award
1923. Margaret Elizabeth Pillsbury, Ann Arbor High School, Ann Arbor, Mich.
1924. Carolyn Elizabeth Asplund, Monticello Seminary, Godfrey, Ill.
1925. Elizabeth Cope, High School, Redlands, Calif.
1926. Lois Mather Thurston, Katherine Branson School, Ross, Calif.
1927. Helen Curdy, French Institute of Notre Dame de Sion, Kansas City, Mo.
1928. Patricia Hill Stewart, Columbus School for Girls, Columbus, Ohio.

Honorable Mention

- No mention.
- Adele Amelia Pantzer, Tudor Hall, Indianapolis, Ind.
- No mention.
- Virginia Capron, Northrop Collegiate School, Minneapolis, Minn.
- Helen Montgomery Hook, Chicago Latin School, Chicago, Ill.
- No mention.
- Martha Ellis Gellhorn, The John Burroughs School, St. Louis, Mo.
- Helen Graham Bell, North Shore Country Day School, Winnetka, Ill.
- Mollie Brooke Clyde, Santa Barbara School for Girls, Santa Barbara, Calif.

(d) *Pennsylvania, and All Places not Included in (a), (b), and (c)*

First Scholarship

1920. Katharine Van Bibber, The Bryn Mawr School, Baltimore, Md.
1921. Janet Preston, St. Timothy's School, Catonsville, Md.
1922. Laura Valinda Hill, The Shipley School, Bryn Mawr, Penna.
1923. Frederica de Laguna, Phebe Anna Thorne Model School, Bryn Mawr, Penna.
1924. Alice Josephine Bonnewitz, Miss Madeira's School, Washington, D. C.
1925. Frances Elizabeth Fry, The Agnes Irwin School, Philadelphia.
1926. Helen Louise Taylor, The Shipley School, Bryn Mawr, Penna.
1927. Elizabeth Lawson Cook, Roland Park Country Day School, Baltimore, Md.
1928. Monica Brice, The Ogontz School, Ogontz, Pa.

Honorable Mention

- Mary Katharine Woodworth, Girls' High School, Philadelphia.
- Kathleen Slingluff, The Bryn Mawr School, Baltimore, Md.
- Millicent Pierce, The Shipley School, Bryn Mawr, Penna.
- Virginia Newbold, The Agnes Irwin School, Philadelphia.
- Georgia Wilson, St. Catherine's School, Westhampton, Richmond, Va.
- Sarah Stanley Gordon, The Shipley School, Bryn Mawr, Penna.
- Ellen Hewson Douglas, The Shipley School, Bryn Mawr, Penna.
- Helen Maxwell Stevenson, The Agnes Irwin School, Philadelphia.
- Rebecca Hemphill Davis, The Bryn Mawr School, Baltimore, Md.

Scholarships of \$500 each were founded in 1885 by the Board of Managers of the Bryn Mawr School, of Baltimore, Maryland. One of these scholarships is open annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction.

*Bryn Mawr
School
Scholarship*

Undergraduate Scholarships and Prizes Awarded for Distinction in Academic Work

Maria L. Eastman Brooke Hall Memorial Scholarship

The Maria L. Eastman Brooke Hall Memorial Scholarship of the value of \$150 was founded in 1901, in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pa., by the Alumnae and former pupils of the school. It is awarded each year on the ground of scholarship, irrespective of the need of financial aid, to the member of the junior class with the highest record, to be held during the senior year. No application for the scholarship is necessary.

Elizabeth Duane Gillespie Scholarship

The Elizabeth Duane Gillespie Scholarship in American History of the value of \$60 was founded in 1903 by the Pennsylvania Society of Colonial Dames of America, in memory of Elizabeth Duane Gillespie. It is awarded annually to a member of the sophomore or junior class, on condition that the holder of the scholarship devote to the study of American history at least four hours a week for one year during the last two years of her college course. The candidate is to be selected by the Faculty of Bryn Mawr College on the ground of excellence in scholarship.

Charles S. Hinchman Memorial Scholarship

The Charles S. Hinchman Memorial Scholarship of the value of \$500 was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. The holder will be nominated to the Faculty by the Undergraduate Scholarships Committee of the Faculty guided in its selection by (1) the student's record in her group subjects, (2) written recommendations from the instructors in these subjects, (3) evidence of the student's ability as shown by written work in her major subject together with a written estimate of the same by the instructor most directly concerned, such work to be submitted not later than March 15th of the year preceding the one in which the scholarship is to be awarded.

George Bates Hopkins Memorial Scholarship

The George Bates Hopkins Memorial Scholarship, consisting of the income of a gift of \$10,000 from Mrs. Elizabeth Hopkins Johnson, in memory of her father, is to be awarded each year at the discretion of the President and Faculty of the College to the student in the Department of Music who in their estimation most needs it and is most deserving of it.

Elizabeth S. Shippen Scholarship

The Elizabeth S. Shippen Scholarships were founded in 1917 by the bequest of the late Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded each year, one to the member of the senior class who receives the Bryn Mawr European Fellowship and two to members of the junior class, as follows:

The Shippen Scholarship in Science of the value of \$100 is awarded to a member of the junior class, one or both of whose major subjects lie in the Scientific Departments, viz., Physics, Chemistry, Geology, Biology, for excellence of work in one of these departments.

The Shippen Scholarship in Foreign Languages of the value of \$100 is awarded annually to a member of the junior class, one or both of whose major subjects lie in the Departments of Foreign Languages, viz., Greek,

Latin, German, French, Italian, Spanish, for excellence of work in one of these departments. Work in elementary language courses is not counted.

No student shall be considered eligible for the Science or Foreign Language Scholarship who has not completed at least fifteen hours of work in the subject on which the computation is based. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for the Shippen Scholarship in Science or in Foreign Languages.

The Sheelah Kilroy Memorial Scholarships in English of the value of \$125 each were founded in 1919 by Dr. and Mrs. Philip Kilroy in memory of their daughter Sheelah. These scholarships are awarded annually on the recommendation of the Department of English, one to the student who does the best work in the required English courses, and one to the student who does the best work in the advanced English courses. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for these scholarships.

*Sheelah
Kilroy
Memorial
Scholarships*

The Horace White Prize in Greek Literature, a prize of \$50 founded by Miss Amelia Elizabeth White in 1919, is awarded to the best student in the second year class in Greek Literature, the nomination to be made by the Professor conducting the class. In 1924 Miss White gave a second prize for the best graduate student in the class in Greek Literature.

*Horace
White Prize*

The President M. Carey Thomas Essay Prize of \$100 is awarded to the student whose writing in the opinion of the English Department is the best in the Senior Class.

Essay Prize

SCHOLARSHIPS AWARDED AT ENTRANCE AND TENABLE FOR FOUR YEARS

Regional Scholarships of \$300 to \$500 each, administered by local alumnae committees, are awarded at regular intervals in each district of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who are unable to meet the fees of the college in full. The conditions are:

*Regional
Scholarships*

1. Application on blanks obtainable from the Alumnae Scholarships and Loan Fund Committee, Taylor Hall, Bryn Mawr, Pa., should be made before April 1 of the academic year for which the scholarship is desired.

2. Awards of the scholarships are made as soon as possible after the returns of the College Entrance Board Examinations to candidates who have been admitted to Bryn Mawr College who are judged to be of the highest promise by Local Committees in consultation with the Faculty Committee on Entrance Examinations.

3. Candidates awarded Regional Scholarships and maintaining a high standard of conduct and scholarship may be assured of further scholarships from local Alumnae committees or direct from the college. Further information may be obtained from the chairman of the Alumnae Scholarships and Loan Fund, Taylor Hall, Bryn Mawr, Pa.

**Trustees
Scholarships**

Eight free tuition scholarships, two awarded each year and tenable for four consecutive years, were founded for students prepared in Philadelphia High Schools by the Trustees of Bryn Mawr College on the following terms:

The candidate shall have matriculated for Bryn Mawr College, having received all her preparation for entrance examination at a Philadelphia High School; she shall have been recommended by the Board of Education of Philadelphia subject to the approval of the Directors of Bryn Mawr College. Provided that the conduct and academic standing of the student shall be satisfactory to the college authorities, the scholarship shall be renewed annually for three years by the Directors of the College.

**City
Scholarships**

Eight scholarships of the value of \$175 similar to the trustees' scholarships are awarded to graduates of a Philadelphia High School by the Board of Public Education of Philadelphia.

**Lower
Merion
Township
Scholarship**

In 1895 one scholarship providing one year's free tuition for a graduate of the Lower Merion High School was founded by the College and presented to the School Board of Education of Lower Merion Township, Montgomery County, Pa. In 1926 the Board of Directors of the College added three more similar scholarships, one to be awarded each year to a non-resident student and tenable for four consecutive years. The conditions of award are that the candidate having received all of her preparation for examination at the Lower Merion High School shall have matriculated for Bryn Mawr College and shall be recommended by the School Board of Education of Lower Merion Township subject to the approval of the Directors of Bryn Mawr College.

**Norristown
Scholarship**

In 1909 one scholarship providing one year's free tuition to a graduate of Norristown High School was presented to the School Board of Education of Norristown, Pa., on the following terms: The candidate having received all of her preparation at the Norristown High School shall have matriculated for Bryn Mawr College not later than the June preceding her entrance to the college, and shall be nominated by the Superintendent of Schools or the Board of Education subject to the approval of the Board of Directors of the College; and that the award shall not be made twice to the same person unless the Superintendent of Schools shall file a statement with the President of the college that no other member of the graduating class is eligible for the scholarship.

**Foundation
Scholarship**

One competitive entrance scholarship of free tuition tenable for four years, is open annually to members of the Society of Friends who are unable to pay the full charge for tuition and residence. The scholarship is awarded, as far as possible, under the same rules as those governing the competitive entrance scholarships of Bryn Mawr College.

**L. C. B. Saul
Scholarship**

In 1893 the Alumnae Association of the Girls' High and Normal School of Philadelphia founded at Bryn Mawr a scholarship, tenable for four years, of the value of \$100, increased in 1924 to \$150. This scholarship

is awarded every four years to the graduate of the Girls' High School who matriculates for Bryn Mawr College with the highest grade of that year.

Four Frances Marion Simpson Scholarships,* entitling the holder to free tuition, were founded in 1912 by Justice Alexander Simpson, Jr., in memory of Frances Simpson Pfahler, of the class of 1906, one scholarship to be awarded in each October, to a candidate who receives her certificate of examination in the preceding spring matriculation examination period. Competition for these scholarships is open in the first place to residents of Philadelphia and Montgomery counties who have been prepared for Bryn Mawr College in the public schools of the said counties, or at home by their parents and guardians, or in the Phebe Anna Thorne School of the Department of Education of Bryn Mawr College, or in Miss S. Janet Sayward's School at Overbrook, Pennsylvania, so long as she shall be conducting the same; or in default thereof to residents of other counties in Pennsylvania. Only those students who are unable to pay the fees for tuition, or if living at a distance, the fees for tuition and board, in Bryn Mawr College are entitled to compete. In special cases the scholarship may be awarded to a candidate from some other locality, in which case the restriction to preparation in public schools may also be relaxed, or it may be awarded to some one who can pay the charge for her tuition, or for her tuition and board in part.

*Frances
Marion
Simpson
Scholarship*

The scholarships are tenable for four successive years, and are meant exclusively for those students who take the full college course. Students holding the scholarships who become able to pay the tuition fees of Bryn Mawr College in whole or in part are required to do so, and all holders of the scholarships are required to repay for the benefit of other students in need of the scholarship, the advances made to them, when they can conveniently do so.

The Charles E. Ellis Scholarships of \$400 each, tenable for four years were founded in 1919 by bequest of the late Charles E. Ellis and are awarded on the recommendation of the Superintendent of Public Schools of the City of Philadelphia, subject to the approval of the Board of Directors and Trustees of Bryn Mawr College, to students educated in the Philadelphia public schools who have matriculated for Bryn Mawr College.

*Charles E.
Ellis
Scholarships*

The Minnie Murdoch Kendrick Memorial Scholarship providing a year's free tuition and tenable for four successive years was founded in 1916 by the bequest of the late George W. Kendrick, Jr. This scholarship is awarded by the Board of Directors of Bryn Mawr College to a candidate who has fulfilled the requirements for admission to Bryn Mawr College upon nomination by the executors of George W. Kendrick, Jr., or at their death or at the death of their survivors, by the Board of Public Education of Philadelphia.

*Minnie
Murdoch
Kendrick
Memorial
Scholarship*

* Application for these scholarships should be made on a form obtainable at the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Scholarships to be Used in the Sophomore Year

*James E.
Rhoads
Memorial
Sophomore
Scholarship*

The James E. Rhoads Memorial Sophomore Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first President of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have completed college work amounting to not less than twenty and not more than forty-five hours (three semesters' work) and attended lectures at Bryn Mawr College not less than one semester. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College, and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee consists of the Faculty Committee on Undergraduate Scholarships and the members of the Scholarships and Loan Fund Committee of the Alumnae Association.

*Maria
Hopper
Scholarships*

Two Maria Hopper Scholarships* of \$200 each to be held in the sophomore year were founded in 1901 by the bequest of the late Maria Hopper of Philadelphia. They are awarded on the ground of excellence in scholarship to two members of the freshman class who need financial assistance.

Scholarships to be Used in the Junior Year

*James E.
Rhoads
Memorial
Junior
Scholarship*

The James E. Rhoads Memorial Junior Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first president of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have completed college work amounting to not less than forty and not more than seventy-five hours (five semesters' work) and have attended lectures at Bryn Mawr College not less than three semesters. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College, and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee is the same as for the James E. Rhoads Memorial Sophomore Scholarship.

*Mary E.
Stevens
Scholarship*

The Mary E. Stevens Scholarship* of the value of \$160 to be held in the junior year, founded in 1896 by former pupils of Miss Mary E. Stevens's School, is awarded on the nomination of the President of the College to a member of the sophomore class who needs financial assistance.

*Anna
Hallowell
Memorial
Scholarship*

The Anna Hallowell Memorial Scholarship* of \$100 was founded in 1912 by the family of the late Anna Hallowell. It is awarded to a member of the sophomore class in need of financial assistance to enable her to continue her studies during her junior year, and is to be awarded by the

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Faculty to the student satisfying the above requirement who has the highest academic record, provided that this student does not hold any other scholarship. This provision may, however, be disregarded in case of great financial need.

Scholarships to be Used in the Senior Year

The Anna M. Powers Memorial Scholarship* of \$200 to be held in the senior year was founded in 1902 by the late Mrs. J. Campbell Harris in memory of her mother, Anna M. Powers. The scholarship is open to members of the junior class who need financial aid in order to complete the work for the degree.

*Anna M.
Powers
Memorial
Scholarship*

The Thomas H. Powers Memorial Scholarship* of \$200 was founded in 1910 by the late Mrs. J. Campbell Harris in memory of her father, Thomas H. Powers. This scholarship is open to members of the junior class who need financial aid in order to complete their senior year.

*Thomas H.
Powers
Memorial
Scholarship*

Scholarships to be Used in Any Year

The Mary Anna Longstreth Memorial Scholarship* providing free tuition was founded in 1913 by the Alumnae of the Mary Anna Longstreth School, the children of Alumnae, and a few of her friends in grateful memory of Mary Anna Longstreth. The scholarship is to be awarded each year to a student who needs financial aid to begin or continue her college course.

*Mary Anna
Longstreth
Memorial
Scholarship*

The Anna Powers Memorial Scholarship* consisting of the income of a gift of \$2000 was founded in 1919 by Mrs. Charles Merrill Hough in memory of her sister Anna Powers, of the Class of 1890. The award of the scholarship is to be made by the Faculty of Bryn Mawr College to a student of good scholarship in need of financial aid.

*Anna Powers
Memorial
Scholarship*

The Constance Lewis Memorial Scholarship,* of \$100 annually, was founded in 1919 by the Class of 1904 in memory of their classmate Constance Lewis. The award of the scholarship is to be made by the Faculty of Bryn Mawr College.

*Constance
Lewis
Memorial
Scholarship*

The Amelia Richards Scholarship* was founded in 1921 by the bequest of the late Mrs. Frank P. Wilson in memory of her daughter, Amelia Richards, deceased, of the class of 1918. The scholarship consists of the income of \$10,000 and is awarded annually by the Trustees on the nomination of the President of the College.

*Amelia
Richards
Scholarship*

The Elizabeth Wilson White Memorial Scholarship,* consisting of the income of a gift of \$7500, was founded in 1923 by Mr. Thomas Raeburn White in memory of his wife. The scholarship is awarded annually by the President of the College to a student who is in need of assistance to enter upon or continue her work at Bryn Mawr College.

*Elizabeth
Wilson
White
Memorial
Scholarship*

The Alice Ferree Hayt Memorial award of \$50, founded in 1922, is awarded each year by Mrs. E. Todd Hayt to a student in need of financial assistance.

*Alice Ferree
Hayt
Memorial
Award*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

*Abby Slade
Brayton
Durfee
Scholarship*

The Abby Slade Brayton Durfee Scholarship,* consisting of the income of a fund of \$2,000 was established in 1924 under the will of the late Randall Nelson Durfee in honour of his wife. In awarding the scholarship preference will be given to candidates of American or English descent and to descendants of the class of 1894 of Bryn Mawr College.

*Bookshop
Scholarships*

Several Book Shop Scholarships are contributed yearly from the profits of the Bryn Mawr Cooperative Society, to be awarded to students in need of financial assistance.

Scholarship at the Woman's Medical College of Pennsylvania

The Woman's Medical College of Pennsylvania presented to Bryn Mawr College in 1910 the scholarship to be awarded to a graduate of the college recommended by the President and Faculty as in their opinion qualified to take up the study of medicine. The holder is given free tuition for one year at the Woman's Medical College of Pennsylvania and the scholarship will be renewed for the three remaining years of the medical course if the holder's record prove satisfactory.

Students' Loan Fund

*Students'
Loan Fund*

The Students' Loan Fund was founded by the Class of 1890 to assist students, whether or not they hold scholarships, who need to borrow money during their college course; and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

The Committee in administering this money follow a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, who strongly recommend the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee, exceptions are made in special cases, for example that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pa. Application blanks may be obtained from the Alumnae Office on the third

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

floor of Taylor Hall by students who wish to borrow from the Loan Fund. Except in the case of special emergencies, applications for any given year should be made before May first of the preceding academic year.

Parents' Fund

The Parents' Fund was founded and is supported by the contributions of parents and students who are able and willing to pay the full cost of tuition (approximately \$840). It is used in making grants to supplement the scholarship awards and to assist other students in need of financial aid.

*Parents'
Fund*

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance to the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$9,000 yields sufficient income to provide the present tuition for one student at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
.....to be invested and preserved inviolably for the endowment
of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

PART II

THE GRADUATE SCHOOL



THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. Bryn Mawr College, being small, offers special opportunities to its graduate students for the working out of research problems in small seminars under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred, and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy, and certain courses may be pursued for one or two years and offered as one of the two minor or secondary subjects.

Admission

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

*Graduate
Students*

Graduates of Bryn Mawr College, and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the Graduate School.

The most distinguished place in the Graduate School is held by the fellows and graduate scholars, who must reside in Radnor Hall, the Graduate Hall of the college during the academic year. There are offered annually in the Graduate School three fellowships for study in Europe, one special foundation fellowship for study in America or abroad, one special foundation fellowship for study in an American college, twenty-three resident fellowships, twenty-four resident graduate scholarships and five graduate scholarships for foreign women.

*Fellows
and
Scholars*

Residence

Residence for Graduate Students

Residence in Radnor Hall, the Graduate Hall, is optional except for holders of resident fellowships and scholarships. Those who do not reside in the Graduate Hall are expected to make arrangements which are satisfactory to the college. Every student has a separate room. The charge of \$100. for room-rent includes all expenses of furnishing, service, heating and light.

Plans and descriptions of Radnor Hall are published in Part 4 of the Bryn Mawr College Calendar.

Application for Rooms

Application for rooms must be made as early as possible. The demand for graduate rooms is very great, and since unnecessarily reserving a room may prevent some other student from entering the college, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the college in the year for which the room is reserved, the amount of the deposit is deducted from the first college bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the College. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract, which will be sent on application, and return it with the fee of fifteen dollars to the Secretary and Registrar of the College. A deposit of fifteen dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before May first of the current year.

With- drawal

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the College by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Any student who changes her room is required to pay an extra fee of fifteen dollars.

Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect

the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

The charge for board is four hundred dollars a year, one half being payable on registration and the other half at the beginning of the second semester.

Board

In case of prolonged illness and absence from the college extending over six weeks or more, there will be a proportionate reduction in charge for board.

Accommodation is provided for graduate students who wish to remain at the college during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the college halls are closed, but accommodation may be obtained near the college campus. At Easter graduate students may occupy their own rooms at the above rate. Any student remaining in Bryn Mawr or nearby and not in the college or in her own home for all or part of the vacation must make arrangements satisfactory to the Dean of the Graduate School.

*Board
Accommo-
dation for
Vacations*

The college reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

*College
Regulations*

In case of emergency the college assumes the right to take all responsibility.

Expenses

Tuition for the semester, payable on registration:

For one hour* a week of lectures.....	\$18.00
For two hours a week of lectures.....	36.00
For three hours a week of lectures.....	48.00
For four or five hours a week of lectures.....	65.00
For six or more hours a week of lectures.....	100.00
Room rent for the academic year, payable on registration.....	100.00
Board for the semester, payable on registration.....	200.00

Summary of total expenses for the academic year:

Tuition fee, for six or more hours a week of lectures.....	200.00
Room rent.....	100.00
Board.....	400.00
Infirmity fee†.....	10.00
Athletic fee.....	3.50

Total for tuition, residence, athletic fee, and infirmity fee
for the academic year..... \$713.50

Laboratory fees for the academic year (additional).....\$12 to \$43

* The fees charged are reckoned on the basis of the actual hours of conference or lecture irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

† This fee entitles the student to two days (not necessarily consecutive) resident care in the infirmary and to consultations with the College Physician during her office hours.

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

*Tuition
Fee*

The tuition fee for the semester becomes due as soon as the student is registered in the college office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the college must register immediately at the Comptroller's office, and must register her courses at the Office of the Dean of the Graduate School within two weeks after entrance. Permission to make any change in registration must be received from the Dean of the Graduate School.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

Laboratory Fees

*Laboratory
Fees*

In counting the number of hours for which a graduate is registered the following special arrangements are made in regard to laboratory courses: payment for a one hour lecture course in a scientific department entitles the student to four hours of laboratory work in addition with no extra charge except the laboratory fee. Students registered for laboratory work only, are charged the following tuition fee: for each two and one-half hours of undergraduate laboratory course and for each five hours of graduate laboratory course the same fee as for one hour lecture course. The laboratory fees as stated below are charged in addition to the charge for tuition.

Graduate students taking courses in scientific departments (Physics, Chemistry, Geology, Biology, and Psychology) amounting to six or more hours a week of lecture courses or its equivalent in laboratory courses are charged a laboratory fee of twenty-one dollars and fifty cents a semester with the following exceptions: if the student takes, as a regular student, courses in subjects not enumerated above amounting to six hours a week the laboratory fee is reduced to fifteen dollars a semester; and if she takes, as a regular student, courses in subjects not enumerated above amounting to ten hours a week the laboratory fee is reduced to seven dollars and a half a semester.

Graduate students taking less than six hours a week of lectures, or its equivalent in laboratory work, and graduate students taking one undergraduate laboratory course only are charged a laboratory fee of fifteen dollars a semester for every laboratory course of four or more hours a week, and of seven dollars and fifty cents a semester for every laboratory course of less than four hours a week.

In courses in Geology each hour of field work counts as one hour of laboratory work.

All graduate students, including fellows and scholars, taking two courses or a course which requires field work in the Department of Social Economy

and Social Research are charged a laboratory fee of ten dollars a semester, and may also be required to provide themselves with two fifty-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each, and to meet their traveling and incidental expenses while working in the field during the semester and vacations. The fee for the certificate is ten dollars, and all fellows and scholars are expected to complete work for a certificate and are charged the ten dollars certificate fee.

The fee for laboratory courses in Experimental Psychology, Education, and Educational Psychology for graduate students is six dollars a semester.

The infirmary fee is ten dollars for each resident graduate student. Payment of this fee entitles each graduate student to care in the infirmary for two days during the year, with attendance by the college physicians, and, if the illness is not contagious to nursing. In the event of an illness of longer duration and of all contagious illnesses the student must meet or, in the case of two or more students with the same contagious disease, share the expenses of a special nurse, the infirmary fees, and any hospital or sanitarium charges, should removal from the college be ordered by the Physician in Chief.

A special nurse for one student is \$14.30 a day or \$100.10 a week, which includes nurse's fee, board and laundry, and the student's infirmary fee. In contagious cases the fee is \$15.30 a day or \$107.10 a week. The infirmary fee for the student is \$6.00 a day, which includes nursing, provided that one of the college nurses is able to care for her.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the Graduate School.

*Infirmary
Fees*

DEPARTMENT OF HEALTH

Health

A Health Committee consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Dean of the Graduate School, the Director of Physical Education, the Physicians of the College, the Wardens and the Senior Resident of Radnor Hall has charge of the health of the students.

The department of health requires that every student file with the Chairman a certificate of a recent medical examination signed by the student's physician.

A certificate of vaccination within one year of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

All entering resident graduate students are required to have a medical, physical and oculist's examination and to follow the health directions of the physicians of the college which will be given them after the examination; those who are reported by the physicians of the college as suffering from uncorrected eye trouble will be expected to take the necessary measures to correct it.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the Resident Physician without charge at her office in the college Infirmary from 8.30-9.30 A. M. and from 4-5.30 P. M. from Monday to Friday, Saturday from 9-10 A. M., and Sunday by appointment only.

Students ill in the Graduate Hall are required to report their illness immediately to the Senior Resident. Such cases will always be investigated, and if the College Physician believes it advisable, the student will be admitted to the Infirmary. Outside physicians will not be permitted to visit students in the Graduate Hall, unless called in special cases by the College Physician.

Graduate Association

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not purely academic or affecting hall management or the student body as a whole. All persons studying in the Graduate School are members of this association.

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The degree of Master of Arts will be in no case conferred by the college as an honorary degree, but only upon the completion of the following requirements: *The Degree of Master of Arts*

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before May 1st of the year preceding that in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

(a) *Admission to courses.*

Preliminary training equivalent to the Bryn Mawr College undergraduate Major* in the subject of the course is required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. The candidate must, however, have taken the equivalent of a Major in some subject.

Requirements for the Degree of Master of Arts

(b) *Knowledge of Literature.*

A candidate is required to present credits for ten semester hours of undergraduate work in Literature, at least five of which must be English Literature. In case of failure to do so she will be required by the Committee on Graduate Students to make up her deficiencies.

(c) *Knowledge of Philosophy, Psychology, Laboratory Sciences, or Mathematics.*

A candidate is required to present credits for eighteen semester hours of undergraduate work in two or more of the following subjects: Philosophy,

* This amounts to 20 semester hours, but in English to 32 semester hours, and in philosophy and psychology to 24 hours of undergraduate college training.

Psychology, Laboratory Science (i.e., Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than ten semester hours may be in any one of these subjects, and eighteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the committee, at least six semester hours of laboratory science, which may be counted in the above eighteen hours.

(d) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(e) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(f) *Knowledge of English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

Deficiencies in preliminary requirements may not be made up later than the last year in which courses are taken for the degree.

REQUIREMENTS

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses; but five hours of advanced undergraduate work* may be substituted for one of them.† To fulfill this requirement, therefore, the student must devote her entire time for one year to graduate study. Any serious deficiency in the preliminary requirements will make it impossible to complete the work for the degree in one year.

Requirements for the Degree of Master of Arts

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

The Degree of Doctor of Philosophy and Master of Arts

The degree of Doctor of Philosophy and Master of Arts‡ will in no case be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

Before an applicant for the degree of Ph.D. can be accepted as a candidate she must submit to the Committee on Graduate Students in writing§ an account of her general preparation, stating in particular the extent of her knowledge of French, German, and Latin, and also the subjects she wishes to offer as Major and Minors for the degree, and the amount and character of her previous work in these subjects. If this statement is satisfactory she will be registered as a candidate. If the candidate's preparation is found by the Committee on Graduate Students to be in any way insufficient she shall be required to undertake suitable extra work.

REQUIREMENTS

1. *Time.*—The candidate shall devote to graduate work at least the equivalent of three full years. This minimum will usually be exceeded.

2. *Residence.*—Two full years of work in residence at Bryn Mawr are required. The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the committee may accept work done under direction of scholars not directly connected with a college or university.

Requirements for the Degree of Doctor of Philosophy and Master of Arts

* In departments having required general courses, second year courses may be taken as advanced courses, provided the Committee on Graduate Students be satisfied that the courses in question are the equivalent of advanced courses in respect to the subject of the courses and the methods pursued.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ This is the form in which the degree has always been conferred.

§ Using the application blank issued by the Committee on Graduate Students.

3. *Subjects.*—The course of study shall consist of one principal and one or two subordinate subjects, and shall be divided between at least two departments. The principal subject is known as the Major. When there are two subordinate subjects, one shall be in the same department as the Major or in a closely allied department, and is known as the Associated Minor, and the other shall be in a different department from the Major, and is known as the Independent Minor. When there is one subordinate subject it may be (a) the Independent Minor alone, in which case the Associated Minor and the Major are in the same subject, or (b) equivalent to both the Independent Minor and the Associated Minor, in which case it is known as a Double Minor. A list of all the approved combinations of Majors and Minors has been issued by the Academic Council, and no combination not on this approved list shall be allowed without special action of the Council, except that in the case of Independent Minors the Committee on Graduate Students has the power to accept a subject in a combination not on the approved list, such action, when taken, to be reported to the Council.

*Graduate
Courses or
Seminaries*

4. *Courses.*—Subject to the exception stated below, eight unit graduate courses or Seminaries are required for the Ph.D. degree. A unit graduate course or Seminary requires approximately one-third of a student's time for one year, so that three such courses will represent full-time work. Students are not permitted to register for more work than this.

Some courses are offered which require less than one-third of a student's time, and these count as proportionate parts of a unit course. When work done elsewhere is offered in partial fulfilment of the requirements for the degree at Bryn Mawr, the Committee on Graduate Students shall determine the equivalent of such work in terms of unit graduate courses at Bryn Mawr.

Of the eight courses required, six shall be in the Major and Associated Minor and two in the Independent Minor. The division of courses between the Major and Associated Minor, whether these are in the same or different departments, shall be subject to the approval of the Supervising Committee. If the Associated Minor and Independent Minor are in the same department, not less than four courses shall be taken in the major subject.

While the eight graduate courses required are understood to be organized courses, as announced in the Calendar, the department in which a candidate's major work is being done may, at its discretion, direct that other work shall be substituted for one of them. This substitution may be in the Major or in one of the Minors. Work thus substituted for a regular course may not be work upon the dissertation, except in the departments of laboratory science, viz., Physics, Chemistry, Geology, Biology, and Experimental Psychology. Such work must be covered in one of the examinations regularly provided or by a special examination or report. It shall be registered at the Office of the Dean of the Graduate School and at the time of registration its character and the way in which it is to be tested shall be indicated. When, under this option, only one graduate

course is taken in the Independent Minor, no mention of the Independent Minor shall be made in the diploma.

If a student's complete work in any one department exceeds two courses it may not be taken with a single instructor, except with the permission of the Committee on Graduate Students.

No undergraduate courses shall count towards the Ph.D. degree, even though a candidate may be obliged to take such courses in order to supplement her preparation in her subjects, except certain advanced courses in science recognized by the Committee on Graduate Students as equivalent to graduate courses in virtue of assigned supplementary reading or laboratory work or both. Such assigned supplementary reading or laboratory work shall be reported in writing by the instructor to the Committee on Graduate Students so as to indicate in what respect the course differs from undergraduate work.

All graduate courses must be completed before the Final Examination.

Journal Clubs.—Every candidate takes part in the work of three Journal Clubs, two in her Major, and one in her Associated Minor; but candidates who are in residence for only two years may omit one of the three. Departments may however, require participation in Journal Clubs on the part of all students who are pursuing the work as a Major.

*Journal
Clubs*

5. *Tests in French, German, English, and Latin.*—Every candidate must pass in the presence of the Committee on Graduate Students an oral examination in the reading at sight of such French and German as it will be necessary for her to read in the course of her work in the major subject. These examinations shall be taken as soon after registration as possible; in any case not later than one calendar year* before the date of the Final Examination.† Any department so desiring may, however, require the passing of these examinations at an earlier point in the student's course. In case of failure, the Committee on Graduate Students may allow a second trial, but not later than an early date in the academic year in which the candidate is to complete the requirements for the degree. If the candidate's Major or Minor is modern French or German she will be excused from the corresponding test.

*Oral
Examina-
tions*

Every candidate must be able to write clear and correct English, and may be required to furnish to the Committee on Graduate Students satisfactory evidence of such ability. The candidate may also be required to give evidence that she has some knowledge of Latin.

6. *Dissertation.*—The candidate shall present a dissertation which must be the result of independent investigation in the field covered by the major subject. It must contain new results, arguments or conclusions or it must present accepted results in a new light. It must be published within three years from the Commencement after the candidate has passed the

Dissertation

* The Committee on Graduate Students regularly offers these examinations on the first Saturday after the Thanksgiving vacation, on the first day of the Mid-Year Examination period, and on the first Saturday after the Spring Vacation.

† Language examinations in French and German for the Ph.D. degree may be taken in the autumn of the year in which the student applies for the degree provided she has been abroad the preceding year and therefore unable to present herself for examination.

Final Examination (unless a special extension of time is granted by the Committee on Graduate Students), and 150* copies must be supplied to the College (addressed to the Office of the Dean of the Graduate School). The candidate shall not be entitled to use the degree until her dissertation shall have been published in approved form.

*Examina-
tions*

7. *Examinations.*—The progress and attainments of the candidate shall be tested by examinations and certified, as specified in the printed regulations.

* Two of these must be bound in a specified manner for use in the Library.

COURSE OF STUDY

Graduate courses, which are open only to Graduate Students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archæology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

*Graduate
Courses*

Advanced undergraduate courses to which graduate students are admitted are offered in all departments.

REGULATIONS

Lists of approved associated and independent minors for all departments will be found in the Regulations of the Academic Council.

Regulations

Books needed by the Graduate Students are collected in the Seminary library of each department.

Comparative Philology and Linguistics

This department is under the joint direction of the professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an independent minor, but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of major work, may take any of the courses listed below and count them as a part of their philology in the Major Department. Undergraduate preparation entitling to graduate work in any of the language departments will entitle to work in this department.

The following courses are offered:

Introduction to Indo-European Linguistics: Dr. Mezger.

Two hours a week during one semester.

(Given in 1929-30)

After a general introduction to linguistic science, the relations of the principal languages of the Indo-European group will be studied with respect to sounds, inflection, syntax and word-formation. One dialect (preferably Lithuanian or Church Slavonic) will be dealt with more closely.

Elementary Sanskrit: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31)

Study of Sanskrit grammar on a comparative basis. Reading of classical and Vedic texts.

Old and Middle Irish: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1929-30)

Comparative grammar of Old Irish. Interpretation of texts. For students of comparative philology or such as want to read the tales of the Cuchulinn and Finn cycles.

Old and Middle Welsh: Dr. Mezger.
One or two hours a week throughout the year.
(Given in 1930-31)

Comparative grammar. Reading of the Mabinogion.

Historical Grammar of Greek and Latin: Dr. Broughton.
Two hours a week throughout the year.
(Given in 1930-31)

A study of the development of sounds and forms of Greek and Latin. Introduction to the study of Greek and Italic dialects.

Graduate Courses

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English. *Two hours a week throughout the year*

Middle English. *Two hours a week throughout the year.*

English Historical Grammar. *Two hours a week throughout the year.*

ROMANCE PHILOLOGY

Introduction to Old French Philology. *Two hours a week throughout the year.*

Old Italian. *Two hours a week throughout the year.*

Spanish Philology and Old Spanish Readings.
Two hours a week throughout the year.

GERMANIC PHILOLOGY

Introduction to Germanic Philology. *Two hours a week throughout the year.*

Old Norse. *Two hours a week during the first semester.*

Old Saxon and Old Frisian. *Two hours a week during the second semester.*

Old High German. *Two hours a week during the first semester.*

Germanic Metrics and German Style. *One hour a week throughout the year.*

Seminary in Germanic Philology. *Two hours a week throughout the year.*

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.
WILMER CAVE WRIGHT, Ph.D.

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators, and Historians, and the Homeric Question, Plato, Aristophanes and Greek Sophists, in order that they may be taken in consecutive years. Students electing Greek as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Greek be also elected as the associated minor the candidate must offer two seminars and the journal club for three years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department, and reports on this reading are from time to time required of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archæology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see pages 157 and 158.

Greek Seminary: Dr. Sanders.

Three hours a week throughout the year.

(Given in each year)

1929-30: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

1930-31: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature.

1931-32: Greek Orators

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax, and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Isæus, Æschines, Hyperides, and Demosthenes. The classical library is well equipped with works on the orators.

Greek Seminary: Dr. Wright.

Two hours a week throughout the year.

(Given in each year)

1929-30: Aristophanes.

The aim of the seminary is to make the students familiar with the more important Aristophanic literature up to the present day. Portions of the text are interpreted by the class and reports on assigned topics, literary, historical, and archæological, connected with the plays are expected from all the members. All the comedies of Aristophanes are read in the course of the year; lectures are given by the instructor on the metres and syntax of Aristophanes, on the dramatic structure of the plays and on the history of Attic comedy. Part of the work consists of analyses of dissertations on Aristophanes which are presented by members of the class. Every member of the class should provide herself in advance with a complete text of Aristophanes. The Clarendon Press (Oxford) edition is recommended.

1930-31: Plato.

The work is mainly literary and critical. Lectures on the style, philosophy, and chronology of the dialogues are given by the instructor; a detailed interpretation of a portion of Plato, and reports on topics set for discussion are given by the class. The students are expected to read the *Republic*, *Theætetus*, *Parmenides*, and *Sophist* and discuss certain problems arising from these dialogues. The aim of the course is to lay a foundation for independent work by familiarizing the students with the achievements of scholarship and the general field of Platonic literature up to the present day. Every member of the seminary should provide herself in advance with a complete text of Plato. The Clarendon Press (Oxford) edition is recommended.

1931-32: The Homeric Question.

1st Semester.

The work consists of a review of the discussions of the Homeric since the publication of Wolf's *Prolegomena*. The various tests have been applied to the poems by archæologists, linguists, historians of myths, and æsthetic critics are taken up and criticized in detail.

Greek Sophists of the Fourth Century A.D.

2nd Semester.

The works of the Emperor Julian, Libanius and others are read and discussed. Lectures and reports are given on the literary movements of the second, third and fourth centuries A.D.

Greek Journal Club: Dr. Sanders, Dr. Wright.

One and a half hours once a fortnight throughout the year.

Journal
Club

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

Advanced
Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

(Given in 1929-30)

1st Semester.

Æschylus, *Eumenides*: Dr. Sanders.

Two hours a week.

Sophocles, *Trachiniæ*: Dr. Sanders.

One hour a week.

Melic Poets: Dr. Wright.

Two hours a week.

2nd Semester.

Greek Rhetoricians and Prose Composition: Dr. Sanders.

One hour a week.

Bacchylides: Dr. Sanders.

One hour a week.

Euripides, *Bacchæ*: Dr. Sanders.

One hour a week.

Æschylus, *Septem* or *Lucian*: Dr. Wright.

Two hours a week.

(Given in 1930-31)

1st Semester.

Æschylus, *Oresteia*: Dr. Sanders.

Two hours a week.

Fourth Century Critics: Dr. Sanders.

One hour a week.

Theocritus: Dr. Wright.

Two hours a week.

2nd Semester.

Pindar: Dr. Sanders.

Two hours a week.

Sophocles, *Electra* or Euripides, *Electra*: Dr. Sanders.

One hour a week.

Plato: Dr. Wright.

Two hours a week.

(Given in 1931-32)

1st Semester.

Minor Orations of the Attic Orators: Dr. Sanders.	<i>Two hours a week.</i>
Sophocles, <i>Œdipus Coloneus</i> : Dr. Sanders.	<i>One hour a week.</i>
Palatine Anthology: Dr. Wright.	<i>Two hours a week.</i>

2nd Semester.

Æschylus, <i>Agamemnon</i> : Dr. Sanders.	<i>Two hours a week.</i>
Greek Prose Composition and the Evolution of Style: Dr. Sanders.	<i>One hour a week.</i>
Sophocles, <i>Ajax</i> : Dr. Wright.	<i>Two hours a week.</i>

Latin

PROFESSOR:	LILY ROSS TAYLOR, Ph.D.
ASSOCIATE PROFESSORS:	MARY HAMILTON SWINDLER, Ph.D. SUSAN HELEN BALLOU, Ph.D.
ASSOCIATE:	THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
LECTURER:	LOUISE ADAMS HOLLAND, Ph.D.

GRADUATE COURSES

Three seminars are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced undergraduate courses of the department amounting to seven hours a week may also be elected by graduate students. *Graduate Courses*

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years. Students electing Latin as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Latin be also elected as the associated minor the candidate must offer two seminars and the journal club for three years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

Latin Seminary: Dr. Taylor.

Two hours a week throughout the year.

1929-30: Latin Literature from Livius Andronicus to Terence. The chief emphasis will be placed upon Ennius and Plautus.

1930-31: Roman Religion and Latin Inscriptions.

Roman Religion will be studied from the sources with special emphasis on the material provided by the *Fasti* of Ovid. The early Roman calendar, the coming in of Italic and Greek gods, the origin and development of the imperial cult, and the growth of the Oriental Religions will be considered. In the second semester the work will centre on inscriptions with special study of those dealing with religion and with Roman social life.

1931-32: The Poetry of the Augustan Age.

Special emphasis on the work of Horace and Vergil in its relation to the principate of Augustus. The subjects for investigation by each student may be selected from the whole field of Augustan poetry.

Latin Seminary: Dr. Ballou.*Two hours a week throughout the year.*

1929-30: Mediæval Latin.

The Latin Church Fathers and the early Mediæval historians, together with other prose writers of especial interest from the fourth to the fourteenth century, will furnish the material for study, both linguistic and literary.

1930-31: Latin Palæography.

1st Semester.

The facsimiles in the collections of Chatelain, Zangemeister and Wattenbach, and Arndt furnish acquaintance with the more important Roman and mediæval literary hands, and photographic reproductions are used for practical exercises in collation and text emendation.

The Poems of Catullus.

2nd Semester.

These form the basis for the application of palæographic principles to textual criticism.

1931-32: Roman Historiography.

The development of the writing of history at Rome will be studied chronologically from the early annalists and Cato to Ammianus Marcellinus in the fourth century. Selections from representative historians will be read and reports made by the students on their methods and style.

Latin Seminary: Dr. Broughton.*Two hours a week throughout the year.*

1929-30: Livy's History.

A study will be made of the political and institutional development of Rome from the earliest times to the close of the Punic wars. The works of Livy will be used as the basis of study with criticism of other sources.

1931-32: Cicero's Correspondence.

An effort will be made to master typical textual and linguistic problems presented by the text, and special attention will be paid to Roman administration and political conditions during the last years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., will form the basis of the work.

Historical Grammar of Greek and Latin:* Dr. Broughton.*Two hours a week throughout the year**(Given in 1930-31)***Journal
Club**

Latin Journal Club: President Park, Dr. Taylor, Dr. Ballou, Dr. Broughton and Dr. Holland.

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Latin Prose Composition.

*One hour a week throughout the year.**(Given in each year)**1st Semester: Dr. Broughton.**2nd Semester: Dr. Holland.*

Mediæval Latin: Dr. Ballou.

*Three hours a week during the first semester.**(Given in 1929-30 and again in 1931-32)*

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

* See Comparative Philology, page 127.

Roman Satire: Dr. Broughton. *Three hours a week during the second semester.*
(Given in 1929-30 and again in 1931-32)

A study of Roman satire in its literary form and its historical development. The fragments of Lucilius and the satires of Horace, Persius and Juvenal will be read.

Cicero, Selections from the Letters and the Orations: Dr. Taylor.
One hour a week during the first semester.
(Given in 1929-30 and again in 1931-32)

A study of social and political conditions at the close of the republic.

Livy, Selections from Books I-IV: Dr. Holland.
One hour a week during the second semester.
(Given in 1929-30 and again in 1931-32)

A study of the legends of the regal and early republican period. By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

Lucretius, De Rerum Natura: Dr. Ballou.
Three hours a week during the first semester.
(Given in 1930-31)

The course will deal with the place of the De Rerum Natura in literature and thought.

Vergil, Aeneid: Dr. Taylor. *Three hours a week during the second semester.*
(Given in 1930-31)

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic.

Cæsar, Selections from the Gallic and the Civil Wars: Dr. Broughton.
One hour a week during the first semester.
(Given in 1930-31)

Cicero, Selections from the Philosophical Works: Dr. Broughton.
One hour a week during the second semester.
(Given in 1930-31)

By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

The Roman Empire: Dr. Ballou. *Two hours a week throughout the year.*
(Given in 1930-31)

See page 64.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. SAMUEL CLAGGETT CHEW,* Ph.D.
ASSOCIATE PROFESSOR:	STEPHEN JOSEPH HERBEN, Ph.D.
ASSOCIATE:	ELEANOR GRACE CLARK, Ph.D.
ASSOCIATE PROFESSOR OF GERMAN:	FRITZ MEZGER, Ph.D.

GRADUATE COURSES

Seven seminaries are offered each year in English literature and language, accompanied by the direction of private reading and original research.

*Graduate
Courses*

* Granted leave of absence for the year 1929-30.

These seminars are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Students who elect English literature as their major subject in their examination for the degree of Doctor of Philosophy must offer English philology as an associated minor and those who offer English philology as a major subject must offer English literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1929-30: Problems in Eighteenth Century Literature.

1930-31: Donne and Milton.

1931-32: Shelley.

Seminary in English Literature: Dr. Chew.*

Two hours a week throughout the year

(Given in each year)

1930-31: The Age of Wordsworth.

1931-32: Victorian Literature.

1932-33: The Jacobean Drama.

Seminary in American Literature: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The periods vary from year to year.

(Occasionally a seminary in Criticism may be substituted for the seminary in American Literature.)

Seminary in Old English: Dr. Herben. *Two hours a week throughout the year.*

(Given in each year)

This seminary is open to graduate students who have already taken the course in Anglo-Saxon grammar and reading of Anglo-Saxon texts, or its equivalent.

1929-30: Old English Christian Poetry.

1930-31: *Beowulf* and The Old English Lyrics.

Seminary in Middle English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

1929-30: Middle English Romances.

1930-31: The Beginnings of English Drama.

1931-32: Chaucer.

Seminary in Elizabethan Drama: Dr. Clark.

Two hours a week throughout the year.

(Given in 1929-30)

Early Elizabethan Drama, special topics.

* Granted leave of absence for the year 1929-30.

Philological Seminary: Professor Mezger. *Two hours a week throughout the year.*
(Given in each year).

1929-30: English Historical Grammar.

1930-31: Introduction to Germanic Philology.

Journal Club: Miss Donnelly, Dr. Crandall, Dr. Chew,* Dr. Herben,
Dr. Clark and Dr. Mezger.

*Journal
Club*

• *One and one-half hours in alternate weeks throughout the year.*

ROMANCE LANGUAGES

French

PROFESSOR AND DEAN
OF THE GRADUATE
SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS: GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*.

ASSOCIATES:

MARGARET GILMAN, Ph.D.

ROBERT TURNER, *Docteur d'Université*.

GRADUATE COURSES

Thirteen hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years.

*Graduate
Courses*

Students who choose French literature as their major subject in their examination for the degree of Doctor of Philosophy must offer French philology as the associated minor and students who offer French philology as a major subject must offer French literature as the associated minor.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck.

Two hours a week throughout the year.

(Given in each year)

1929-30: French Drama of the Eighteenth Century.

1930-31: Flaubert and Theories of Literary Realism.

1931-32: Theories of French Romanticism.

Seminary in French Literature of the Sixteenth and Seventeenth Centuries: Mr. Canu and Dr. Turner.

Two hours a week throughout the year.

(Given in each year)

1929-30: Historical Background of French Literature in the Sixteenth and Seventeenth Centuries: Mr. Canu.

1930-31: French Literature of the Sixteenth Century: Dr. Turner.

* Granted leave of absence for the year 1929-30.

Seminary in Mediæval French Literature: Mrs. Frank.

*Two hours a week throughout the year.**(Given in each year)*

1929-30: The Dramatic Literature of Mediæval France.

1930-31: Old French Narrative Poetry as Represented by the *Chansons de Geste* and the *Romans Courtois*.

1931-32: The Lyric, including the Courtly Lyric of Provence.

French Diction and Practical Phonetics: Mr. Canu.

*One hour a week during the second semester**(Given in each year)*

This course may be elected by any student taking one of the seminars in French Literature.

Introduction to Old French Philology: Mrs. Frank.

*Two hours a week throughout the year**(Given in each year)*

Part of each session is devoted to a critical reading of selected texts. This course is equivalent to a full seminary and counts as such.

Journal Club

Romance Languages Journal Club: Dr. Schenck, Mrs. Frank, Dr. Gilman, Mr. Canu, Dr. Turner, Dr. Gillet and Dr. Merlino.

One and one-half hours a fortnight throughout the year.

The journal club is intended to acquaint the students with the results of contemporary researches in the Romance languages and literature.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Studies in the Historical Background of French Literature: Mr. Canu.

*Two hours a week throughout the year.**(Given in 1930-31)*

French Literature of the Sixteenth Century: Dr. Turner.

*Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

French Lyric Poetry since 1850: Dr. Gilman.

*Two hours a week throughout the year**(Given in each year)*

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Turner.

*Two hours a week throughout the year.**(Given in each year)*

The class has one meeting a week and fortnightly interviews.

French Bibliography: Dr. Gilman.

*One hour a week during the first semester**(Reserved for honour and graduate students)*

Italian

ASSOCIATE: CAMILLO P. MERLINO, Ph.D.

GRADUATE COURSES

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years. Students electing Italian as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

*Graduate
Courses*

Seminary in Italian Literature: Dr. Merlino.

Two hours a week throughout the year.

1928-29: The Literature of the Nineteenth Century.

If necessary, modifications will be made in the work of the seminary to meet the special needs of students.

Old Italian: Dr. Merlino.

Two hours a week throughout the year.

Old Italian philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

*Advanced
Courses*

(Given in each year)

The Italian Literature of the Cinquecento: Dr. Merlino.

Three hours a week throughout the year.

1st Semester:

Selections from Ariosto's *Orlando Furioso*, Michelangelo's Poems, Cellini's *Vita*, etc.

2nd Semester:

Machiavelli's *Principe*, Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*, etc.

(Offered in each year)

Advanced Italian Composition: Dr. Merlino.

Two hours a week throughout the year.

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

*Graduate
Courses*

The graduate seminaries in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Students electing Spanish as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

Seminary in Spanish: Dr. Gillet.*Two hours a week throughout the year.*

1929-30: The Dramas of Torres Naharro.

1930-31: The Spanish Ballad.

1931-32: Literary Criticism in Spain.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology.*One hour a week throughout the year.***Old Spanish Readings.***One hour a week throughout the year.***ADVANCED UNDERGRADUATE COURSES****Advanced Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports: Dr. Gillet.

Three hours a week throughout the year.

Advanced and Free Spanish Composition: Dr. Gillet.

*Two hours a week throughout the year.***German**

ASSOCIATE PROFESSORS: MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

GRADUATE COURSES**Graduate Courses**

Eight hours a week of seminary work and graduate lectures are offered each year to graduate students of German and Germanic Philology accompanied by the direction of private reading and original research.

The courses are so varied that they may be followed by graduate students throughout three successive years and cover the work required of students who offer German Literature as a major or a minor for the degree of Doctor of Philosophy. Students who elect German Literature as their major subject in the examination for the degree of Doctor of Philosophy must offer Germanic Philology as an associated minor and students who offer Germanic Philology as a major subject must offer German Literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Seminary in German Literature: Dr. M. Diez.

Two hours a week throughout the year.

1929-30: Topics from the History of the Lyric: either Klopstock and Goethe, or Uhland and Mörike.

1930-31: Topics from the History of the Drama: either Goethe's dramas, or Franz Grillparzer.

1931-32: Goethe's Wilhelm Meister or Gottfried Keller.

Journal Club

German Journal Club: Dr. M. Diez and Dr. Mezger.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment, and criticism.

GERMANIC PHILOLOGY

*Germanic
Philology*

The instruction in this department is under the direction of Dr. Fritz Mezger. The English and the German departments together have provided for a complete course in Germanic philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.), and the study of general comparative philology.

Students intending to elect Germanic philology are advised to study Greek for at least one year during their undergraduate course.

Introduction to Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31)

Gothic and West Germanic sounds and inflection are studied on a comparative basis.

Old Norse: Dr. Mezger.

Two hours a week during the first semester.

(Given in 1929-30)

Old Saxon and Old Frisian: Dr. Mezger.

Two hours a week during the second semester.

(Given in 1929-30)

Germanic Metrics and German Style: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1929-30)

Seminary in Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31 and again in 1931-32)

Open to students who have had at least one year of Germanic or Indo-European philology.
1930-31: Studies in Comparative Germanic Philology: Syntax and Word-formation; Problems of Word-Geography based on a comparative study of Tatian and Wulfila and of Tatian and the West Saxon Gospels.

1931-32: Studies in the History of the German Language.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Middle High German and Elements of German Historical Grammar:
Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

This course may be taken for three successive years. The reading will be so varied as to form a supplement to the advanced courses in German literature:

1929-30: Walther von der Vogelweide and Minnesang.

1930-31: Nibelungenlied.

1931-32: Parzival and Tristan und Isolde.

History of German Lyric Poetry from the Minnesingers to the Present
Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1929-30)

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1930-31)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1931-32)

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D.

GRADUATE COURSES

Graduate Courses

The work of the department is so arranged that students may specialize in Biblical history and literature or in Hellenistic Greek, and the private reading and original research of such students will be directed. Two hours a week of seminary work are offered in each subject and in some cases graduate students may profitably attend the elective courses.

Seminary in Critical Readings of the Greek New Testament: Dr. Cadbury.

Two hours a week throughout the year.

Philological, historical and exegetical study of selected writings in the Greek Bible and in kindred Hellenistic literature. A knowledge of Greek is required.

Seminary in the Bible: Dr. Cadbury.

Two hours a week throughout the year.

The study in successive years of different major literary and historical problems of the Bible, with the modern discussions of them. A knowledge of the original languages is useful but not indispensable.

1929-30: Judaism at the time of Christ.

1930-31: Gospel of John.

1931-32: The *Book of Acts*.

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH,* Ph.D.

CHARLES WENDELL DAVID, Ph.D.

ACTING PRESIDENT OF THE COLLEGE: HELEN TAFT MANNING, Ph.D.

INSTRUCTOR:

IVY CAROLINE ROBBINS, Ph.D.

GRADUATE COURSES

Graduate Courses

Apart from the direction of private reading and original research, seminars in Mediæval and Modern European history and in American history are offered to graduate students of history together with a graduate course in Historical Bibliography and Criticism and the Auxiliary Sciences. Students may offer either European History or American History as a major subject for the degree of Doctor of Philosophy.

Seminary in Mediæval and Modern European History: Dr. Gray.

Two or three hours a week throughout the year.

(Given in each year)

* Granted leave of absence for the year 1929-30.

1929-30: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the Treaty of Versailles and the problems of post-war Europe.

1930-31: Topics in the History of England from 1250 to 1450.

Among these are national resistance to papal encroachments, the baronial revolt of 1258, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the role of Italians and Hanseatics in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, and the loss of English possessions on the Continent.

1931-32: Topics in the History of England from 1450 to 1600.

Among these are the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the Sixteenth Century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

Seminary in American History: Dr. William Roy Smith.*

Two or three hours a week throughout the year.

(Not given in 1929-30)

1930-31: Slavery and Negro Problem.

After a preliminary survey of the history of slavery in the colonial period such topics as the slavery compromises of the constitution, the growth of slavery in the South, the abolition of the slave trade, the Missouri Compromise, the anti-Slavery movement, nullification, the Mexican War, the Wilmot Proviso, the compromise measures of 1859, the Kansas-Nebraska bill, the Dred Scott decision, the abolition of slavery, and the adoption of the thirteenth, fourteenth and fifteenth amendments will be discussed. Special attention will be paid to the conflict between sectionalism and nationalism and the connection between slavery, territorial expansion, and the development of constitutional theories.

1931-32: The Revolution, the Confederation, and the Constitution.

American history from 1776 to 1789 will be discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties will be investigated.

1932-33: The Civil War and Reconstruction.

Special stress is laid upon the social, economic, and political reorganization of the South, the North, and the West, and also of the nation as a whole during the period from 1861 to 1877.

Seminary in the History of England in the Twelfth and Thirteenth Centuries: Dr. David.

Two hours a week throughout the year.

(Given in 1929-30)

The period studied will extend roughly from the Norman Conquest to the middle of the thirteenth century. Special attention will be paid to institutional history. Topics selected for study will be somewhat as follows: the foundation, expansion and decline of the Anglo-Norman empire, the feudal and manorial régime, the institutions of the central government—administrative, financial and judicial—the institutions of local government, the relations between church and state in successive periods, commerce, industry, the towns, and the increasing importance of the middle class, the king and the baronage, the Great Charter, the growth of the constitution and of the common law.

* Granted leave of absence for the year 1929-30.

Seminary on the Age of the French Revolution: Dr. David.*Three hours a week throughout the year.**(Given in 1930-31)*

The subject matter of the course will be chosen with reference to the needs and interests of the students who take it, the principal emphasis usually being placed upon France, but sometimes upon England. Topics will be selected with a view to illustrating different kinds of historical problems and gaining an acquaintance with the principal printed sources and secondary works and extending the student's knowledge of the whole era from about 1750 to 1815. Attention will be paid to social and economic as well as to political problems. The intellectual background of the revolutionary and reform efforts will also be considered.

Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David.*Two hours a week throughout the year.**(Given in 1931-32)*

This graduate course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palæography, and diplomatics. The course will consist of lectures, assigned reading and problem work, and adjustments are made to meet the needs of individual students.

Journal Club

Historical Journal Club: Dr. Gray, Dr. William Roy Smith,* Dr. David, Acting President Manning and Dr. Robbins.

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

ADVANCED UNDERGRADUATE COURSES**Advanced Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Europe since 1870: Dr. Gray.*Three hours a week throughout the year.**(Given in 1929-30)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress, and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles, and the strong position of labour in post-bellum society are among the subjects studied. A reading knowledge of French is required.

American Colonial History (1492-1763): Dr. W. R. Smith.**Three hours a week throughout the year.**(Not given in 1929-30)*

This course deals primarily with the English colonisation of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion.

* Granted leave of absence for the year 1929-30

History of the United States since 1865: Dr. W. R. Smith.

Two hours a week throughout the year.

(Given in 1930-31)

The French Revolution and Napoleon: Dr. David.

Two hours a week throughout the year.

(Given in 1930-31)

This course treats of the history of France and of Europe from 1789 to 1815, by means of lectures and reports. The period is considered as an organic whole and the career of Napoleon is regarded as that of a child of the Revolution. The increasing mass of secondary material is appraised and some printed documentary material is used for reports and references. A reading knowledge of French is required.

Civilization of the Ancient World: Dr. Ballou.

Three hours a week throughout the year.

(Given in 1929-30)

Special attention is paid to Greece and Rome; but extended consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt, and the Aegean region, and to the influence of environment, race, and culture upon human development. The evolution of civilization as a whole, from earliest times to the fourth century A. D., is presented in a single synthesis.

This course which is regularly offered as a free elective may in special cases be taken as an advanced course by graduate students who do additional assigned work. In such cases it may be counted in partial fulfilment of the requirements for the M.A. degree.

FREE ELECTIVE COURSES

History of England to 1485: Dr. David.

Three hours a week during the first semester.

(Given in 1929-30 and again in 1930-31)

(Open only to students who have taken the first year course in history)

This course deals with English history in all its more important aspects from Roman times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the Roman Church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

Mediæval Civilization: Dr. David.

Three hours a week during the second semester.

(Given in 1929-30 and again in 1930-31)

(Open only to students who have taken the first year course in history)

This course is confined for the most part to continental and to the period from the fourth century to the close of the thirteenth century. Building upon the brief treatment of the first year course, it is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the civilization of the later Roman Empire, the Germanic invasions, the rise of the monasteries, the Byzantine and Carolingian Empires, Islam and the Crusades, the reform of the Church, the rise of national states, the civilization of the twelfth and thirteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

**Free
Elective
Courses**

Economics and Politics

PROFESSORS:	MARION PARRIS SMITH, * Ph.D. CHARLES GHEQUIERE FENWICK, Ph.D.
ASSOCIATE PROFESSOR:	ROGER HEWES WELLS, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
LECTURER:	JULIAN S. DUNCAN, Ph.D.

GRADUATE COURSES

Graduate Courses

Six to nine hours a week of seminary work and graduate lectures are offered each year to graduate students of economics and politics.

Three seminars, one in economics, two in political science, are offered in addition to the direction of private reading and original research. Advanced undergraduate courses amounting to five hours a week which may be elected by graduate students are given in each year. Students may offer either economics or politics as their major subject for the degree of Doctor of Philosophy.

Seminary in Economics: Dr. Marion Parris Smith.*

Two hours a week throughout the year.

(Given in each year)

The object of the seminary is to train students in the methods of research, and in the organization of material. In short reports and long papers members of the seminary are given practice in using original sources and in a critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction, and graduate studies are specially designed to prepare advanced students for Government Civil Service Examinations in the Department of State, Department of Commerce, and the Department of Labor, as well as for high degrees.

1929-30: Economic Institutions in the United States; Finances and Banking, Agriculture, Manufacture, Commerce, etc.

1930-31: Economic Thought in the Nineteenth Century.

1931-32: The Industrial Revolution in Great Britain and Europe.

Seminary in Politics: Dr. Fenwick.

Three hours a week throughout the year.

(Not given in 1929-30)

The methods of instruction in the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1930-31: The Constitutional Law of the United States.

The decisions of the Supreme Court of the United States will form the basis of the work. Special stress will be laid upon the relations between the federal and state governments, interstate commerce, and due process of law under the Fourteenth Amendment. Students will be required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

1931-32: Constitutional Questions involved in Modern Economic and Social Problems.

The chief economic and social problems of the United States will be studied from the point of view of the restrictions placed by the Constitution upon the legislative powers of Congress and of the several states dealing with those subjects. As an introduction the various theories relating to the proper functions of the state will be discussed.

Seminary in Politics: Dr. Wells.

Two hours a week throughout the year.

(Given in each year)

* Granted leave of absence for the year 1929-30. The seminary in Economics in 1929-30 will be given by Dr. Duncan.

1929-30: The History of Political Thought.

The purpose of this seminary is twofold: first, to familiarize the student with the writings of the principal political thinkers from Plato to the present time; and second, to enable the student to grasp clearly the main problems which political theory is called upon to explain and to solve. The work of the seminary includes lectures, general reading, student reports, and general class discussions.

1930-31: Comparative Municipal Government and Administration.

1931-32: American and Foreign Political Parties and Electoral Problems.

Economics and Politics Journal Club: Dr. Marion Parris Smith,* Dr. Fenwick, Dr. Wells, Dr. Dulles, and Dr. Duncan.

*Journal
Club*

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussions, comment, and criticism.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.

Three hours a week throughout the year.

(Given in 1931-32)

Money and Banking: Dr. Dulles. *Two or three hours a week throughout the year.*

(Given in 1929-30)

Municipal Institutions: Dr. Wells. *Two hours a week throughout the year.*

(Given in 1929-30)

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR: SUSAN MYRA KINGSBURY,* Ph.D.

ASSOCIATE PROFESSOR: HORNELL HART, Ph.D.

ASSOCIATE: ELEANOR LANSING DULLES, Ph.D.

LECTURER: ALMENA DAWLEY, M.A.

SPECIAL LECTURERS: EVA WHITING WHITE, A.B.

ALICE HAMILTON, M.D.

LECTURER: To be appointed

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the Autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

* Granted leave of absence for the year 1929-30.

The departments of Economics and Politics, Psychology, Education, and Philosophy offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith,* Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Associate Professor of Economics and Politics; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba,* Professor of Psychology; Dr. Harry Helson, Associate Professor of Experimental Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Ilse Forest, Associate Professor of Education, and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology† and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether five hours' work per week for two years in one of these subjects).

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work, or Community Organization, or Industrial Relations in which she will give seven hours a week during the term time and vacation practice to practice or field work in an institution or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics, and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 43 hours of work per week.

Practice work in each field consists of two types: (1) field work consisting of seven hours each week, one hour of conference each week, and two hours of seminary discussion in alternate weeks; (2) non-resident experience with social institutions, agencies, or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall be at a minimum expense for room and board, during the midwinter practicum, other than that paid to the college from December 9th to 20th, and at no

* Granted leave of absence for the year 1929-30.

† Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

expense for room and board during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, September 30th to December 9th, during which period at least one day a week is given to field work. (2) A mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research, from December 9th to January 3rd in New York, Boston, Philadelphia or elsewhere. (3) January 4th to January 31st, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 4th to June 4th, during which time the student will give one day a week to field practice work, with the exception of the spring vacation. (5) The summer practicum from June 9th to August 2nd, during which time the student will give all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the College, and during the mid-winter and summer practica is under the careful supervision of an instructor of the Department. After one year of work in this department one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office, or in a manufacturing or mechanical establishment in Philadelphia, New York, New England, or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department, or business firm.

Students entering the Department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work, or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work, or a seminary in social and industrial research.

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

GRADUATE COURSES

The seminars and courses described below may be elected subject to the approval of the Director of the Department by students working for

*Certificates
and
Degrees*

*Graduate
Courses*

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 120 to 125.

the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research, or may be offered as the associated or independent minor with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council.

Seminary in Social and Industrial Research: Dr. Kingsbury.*

Three hours a week throughout the year.

(Given in each year)

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information, and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations, or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations, and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis, and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed, and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results, and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see pages 145 and 146). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Seminary in Administration of Social Agencies: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in 1931-32)

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*

(Given in 1930-31)

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems, including a review of the outstanding contributions in the subject, and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed, and their application in connection with further research indicated.

*Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by a Lecturer to be announced later.

Seminary in Social Relationships: Dr. Hart.

*Two hours a week throughout the year.**(Given in each year)*

Principles of social relationships will be worked out inductively through the study of actual group life. Applications of these principles will be developed through analysis of relationships within the family, relationships between delinquents and society, and relationships between races and between native-born and foreign-born peoples. Collections of case studies in these fields will be analyzed and projects involving original research in this and allied fields will be undertaken.

Seminary in Social Origins: Dr. Hart.

*Two hours a week throughout the year.**(Given in each year)*

Problems related to the nature of social progress and the methods whereby it can be achieved will be studied by members of the seminary. The course will begin with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York, or Washington. The natural laws of invention and of diffusion of culture will be studied inductively by analyzing the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies will be worked out in specific instances. Various prognoses as to the future of our civilization will be reviewed in relation to the foregoing material, and principles essential to sound social reform will be developed.

Seminary in Research in Sociology: Dr. Hart.

*Two hours a week throughout the year.**(Given in each year)*

Seminary in Community Organization and Administration: Dr. Hart.

Three hours a week throughout the year.

Laboratory and Field Work.

*Seven hours a week throughout the year.**(Given in each year)*

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions, and research and propaganda agencies, forms the subject-matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of the students' work. Special attention is given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work, and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Kingsbury and the director of the particular agency or department and is so arranged as to give to the student training during the academic year and the midwinter and summer practica (see pages 145 and 146) in some one or more of the following activities:

(1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.

(2) Regular daily management as assistants and later as directors.

(3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts, and lectures, in public speaking and writing, and in conducting financial campaigns and special studies.

(4) Teaching in night schools of classes in civics and elementary subjects, and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.

(5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds, and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association, and work in smaller neighboring communities.

Seminary in Labour Organization: Dr. Dulles.

Two hours a week throughout the year

(Given in each year)

Some of the forces found in modern industry, the inequality of distribution, and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work, and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories, and various state and private organizations which are concerned with employment, vocational guidance, and legislative reform.

Seminary in Industrial Relations: Dr. Dulles.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The aim of this seminary is to secure an understanding of actual conditions, methods and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labour, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical comparisons of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labour exchanges, government agencies, scientific management, industrial poisons, and other topics are included in the course. Actual cases are studied and observation trips give the student first hand information regarding present day conditions and methods.

The Field work in the factories and stores, which is a part of the work of this seminary, is accompanied in alternate weeks by a two-hour discussion period on the practical problems which the student must meet.

This seminary must be accompanied by the Seminary in Labour Organization.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Dulles.

Two hours a week throughout the year.

(Given in each year)

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.

Three hours a week throughout the year.

(Given in each year)

Laboratory and Field Work.

Seven hours a week throughout the year.

The object of this course will be to understand the basis of each human being's inability to maintain himself, as well as to interpret his reactions and behavior in terms of his life experiences and relationships, and utilize this evaluation in carrying out treatment. Coincident with this endeavor the various processes of case work will be discussed. The seminary also includes case recording, evaluation of case material, of the community resources essential for treatment, and of the case worker's relationship to these resources.

The Practicum in Social Case Work during the past year has consisted of field work carried on 14 hours per week and a mid-winter and a summer practicum (see pages 145 and 146) with the following agencies: The Family Society of Philadelphia, the Children's Aid Society, the Children's Bureau, and the International Institute. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the particular agency or department.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Social Statistics: Dr. Kingsbury.*

Two hours a week throughout the year.

(Given in each year)

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions, and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is presupposed. This course is required of all graduate students in the Department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

One-half hour a week throughout the year.

(Given in each year)

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

Social Economy Journal Club: Dr. Kingsbury,* Dr. Hart and Dr. Dulles.

Two hours once a fortnight throughout the year.

Current articles are reviewed, recent reports, surveys and investigations are criticised, and the results of important research are presented for discussion.

**Journal
Club**

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by an Instructor to be announced later.

**Free
Elective
Courses**

FREE ELECTIVE UNDERGRADUATE COURSES

Elements of Statistics: Dr. Kingsbury.* *One hour a week throughout the year.*
(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, averages, graphic methods, measures of variation, theory of sampling, index numbers, theory of probability and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations, and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart. *Two hours a week throughout the year.*
(Given in each year)

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighborhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart. *Three hours a week throughout the year.*
(Given in each year)

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique of social progress. A course in social science is prerequisite for this course.

Labour Problems: Dr. Dulles. *Three hours a week throughout the year.*
(Given in each year)

The present day problems of Labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labor, compensation, social insurance, welfare work, and the radical experiments of labor. The significance of workers' education and of the various labour colleges and schools is stressed, with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

The following seminaries offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.† *Two hours a week throughout the year.*

Seminary in Politics: Dr. Fenwick. *Three hours a week throughout the year.*
(Not given in 1929-30)

Seminary in Economics or Politics: Dr. Wells. *Two hours a week throughout the year.*
(Given in each year)

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by an Instructor to be announced later.

† Granted leave of absence for the year 1929-30. This seminary will be given by Dr. Duncan.

Psychological Seminary: Dr. Leuba.* *Two hours a week throughout the year.*
(Not given in 1929-30)

Seminary in Social Psychology: Dr. Leuba.*
Two hours a week during the second semester.
(Not given in 1929-30)

Seminary in Experimental and Systematic Psychology: Dr. Helson.
Three hours a week throughout the year.
(Given in each year)

Seminary in Advanced Mental Measurements: Dr. Rogers.
Two hours a week throughout the year.

Seminary in Advanced Educational Psychology: Dr. Rogers.
Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers and Dr. Hamilton.
Three hours a week throughout the year.

Philosophy

PROFESSORS: THEODORE DE LEO DE LAGUNA, Ph.D.
GRACE MEAD ANDRUS DE LAGUNA, Ph.D.

GRADUATE COURSES

Five hours a week of seminary work and graduate lectures are offered each year to graduate students of philosophy, accompanied by the direction of private reading and original research.

A seminary in the history of philosophy is offered each year and a seminary in ethics and one in logic and metaphysics are offered in alternate years. The subjects of study are changed from year to year through a cycle of four years. Ten hours a week of undergraduate courses are also open to graduate students. Students electing philosophy as their major subject for the degree of Doctor of Philosophy may emphasize either metaphysics or ethics.

Graduate Courses

Seminary in Ethics: Dr. Theodore de Laguna.

Two hours a week throughout the year.

(Given in alternate years)

1929-30: English Evolutionary Ethics, as exemplified in the writings of Darwin, Spencer, Clifford, Stephen, Alexander, and Hobhouse, and as criticized by Green, Sorley, Huxley, Pringle-Pattison, and Rashdall.

Special attention is given to the problem of determining the nature and limitations of the genetic method as applied in ethical research.

1931-32: The History of Ethics in the Seventeenth and Eighteenth Centuries.

A brief preliminary survey is made of the Greek systems which have most strongly influenced modern theory.

* Granted leave of absence for the year 1929-30.

Seminary in Logic and Metaphysics: Dr. Grace de Laguna.*Two hours a week throughout the year.**(Given in alternate years)*

The first semester is devoted to Neo-Realism, the second semester to Critical Realism.
 1930-31: English Empiricism.

Special attention is paid to its connection with Associationism and to the development
 of the theory of scientific method.

1932-33: Contemporary Realism.

Seminary in the History of Philosophy: Dr. Theodore de Laguna and Dr. Grace de Laguna.*Two hours a week throughout the year.**(Given in each year)*

1929-30: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes, and in the second
 semester on Spinoza and Leibniz.

This seminary is conducted by Dr. G. de Laguna.

1930-31: The Philosophy of Kant, with especial reference to the Critique of Judgment.

**Journal
Club****Philosophical Journal Club: Dr. Theodore de Laguna, Dr. Grace de Laguna.***Two hours once a fortnight throughout the year.*

The advanced students and the instructors meet to report on and discuss recent reviews
 and philosophical articles.

Psychology**PROFESSORS:**

JAMES H. LEUBA, * Ph.D.

AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: HARRY HELSON, Ph.D.**LECTURER:**

CLARENCE LEUBA, Ph.D.

GRADUATE COURSES**Graduate
Courses**

Ten hours a week seminary work and graduate lectures are offered each
 year to graduate students of psychology, accompanied by the direction of
 private reading and original research and the courses are varied from year
 to year so that they may be pursued by students through three or more
 successive years. The books needed by the graduate students are collected
 in the seminary library of the department. No undergraduates are admit-
 ted to graduate courses or to the seminary library, but the first and second
 year courses of the department amounting to ten hours a week may be
 elected by graduate students. The laboratory of experimental psychology
 is open to graduate students for research work. Students may offer either
 Social Psychology or Experimental Psychology as a major subject for the
 degree of Doctor of Philosophy.

Psychological Seminary: Dr. Leuba. * *Two hours a week throughout the year.*

(Not given in 1929-30)

As the foundation of the work of the seminary one or two of the following subjects will
 be chosen each year: the psychology of mental and moral deficiencies with reference to
 the social problems they present, including case studies and research work in problems of
 delinquency; social psychology; chapters in abnormal psychology and the Freudian psy-
 chology; the fundamental principles of psychology; the psychology of religion and ethics.

* Granted leave of absence for the year 1929-30.

Seminary in Social Psychology: Dr. Leuba.*Two hours a week during the second semester.**(Given in 1930-31)*

Abnormal Psychology, chiefly Mental and Moral Deficiencies, and their Social Implications; or Personality and Character.

This half-seminary together with another half-seminary given in the first semester, may be counted as a seminary by students in the Department of Social Economy and Social Research.

Seminary in Experimental and Systematic Psychology: Dr. Helson.*Three hours a week throughout the year.**(Given in each year)*

This seminary is intended, primarily, to give a systematic presentation of the literature of experimental psychology. Due consideration, however, will be given to all points of systematic importance. The work is grouped about the following topics: sensation, the simpler sense complexes, perception and ideas, feeling and the affective processes, attention, action, and the intellectual processes (memory, association, imagination, etc.). The course covers three years; but the topics chosen and the time devoted to each vary from year to year according to the needs of the students.

Seminary in Research Problems: Dr. Helson.*Two or more hours a week throughout the year.**(Given in each year)*

This course is intended for students who wish to be trained in research work. Methods of measurement, particularly modern psychophysics, practise in observation, and acquaintance with standard types of apparatus will be stressed. The instructor will co-operate with the students in the solution of some original problems.

Seminary in the History of Psychology: Dr. Helson.*Two hours or more a week throughout the year**(Given in 1929-30)*

The work of this seminary will consist of three parts: (1) lectures by the instructor in which the history of psychology will be treated through the consideration of fundamental problems; (2) readings and reports by students involving the use of sources; (3) a semester paper upon some selected topic in which the student's ability to organize and criticize material will be tested.

Psychological Journal Club: Dr. Leuba,* Dr. Helson and Dr. C. Leuba.*Two hours alternate weeks throughout the year.***Journal
Club**

The advanced students meet with the instructors to hear or read reports on the literature of the subject and on the work done in the laboratory.

For graduate work in Educational Psychology see below, under "Education."

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR:	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	ILSE FOREST, Ph.D.
INSTRUCTOR:	CECELIA IRENE BAECHE, M.A.
RESEARCH ASSISTANT:	FRANCES MARGUERITE CLARKE, Ph.D.
ASSISTANT IN THE EDU- CATIONAL CLINIC:	E. LOUISE HAMILTON, Ph.D.

* Granted leave of absence for the year 1929-30.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate, and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for their degrees.

Students offering themselves as candidates for these degrees in Education must have studied in undergraduate courses: Psychology for 10 semester hours, Principles of Education for 4 semester hours, and Sociology, Statistics, or Education singly or in any combination for 6 semester hours.

THE PHEBE ANNA THORNE SCHOOL

The Phebe Anna Thorne School opened in the autumn of 1913 under the direction of the Bryn Mawr College Graduate Department of Education. It is maintained in part by an endowment of one hundred and fifty thousand dollars given by the executors of the estate of the late Phebe Anna Thorne to perpetuate her deep interest in school education and her desire to further research in the best methods of teaching school subjects. In 1922 the Phebe Anna Thorne School Association was organized and since then the school has been operated on a new financial basis. The Phebe Anna Thorne School is an integral part of the Graduate Department of Education and affords its students an opportunity to follow the work of the teachers of the school and discuss in seminars conducted by the professors of education the various problems of teaching and administration as they arise from day to day. Pupils are admitted to the pre-school class at four years and to the primary department at five years of age and to the elementary course at nine or ten years of age and will be fitted to enter Bryn Mawr and other colleges on the completion of a seven or eight years' school course. Candidates for the Teacher's Certificate or for higher degrees will be given an opportunity of attending systematic observation classes in the Phebe Anna Thorne School. It is believed that the opportunity of studying the newest approved methods of secondary teaching will enable teachers who have studied in the Graduate Department of Education to teach more efficiently and to command materially higher salaries.

A limited number of Apprentice Teachers are taken in the Phebe Anna Thorne School, who give one-third of their time to the School. The remaining two-thirds of their time are given to graduate work in Bryn Mawr College. This work is directly related to the school work. One-third must be in methods of teaching in their field. The rest may be Educational Psychology, Child Psychology or in the subjects to be taught.

GRADUATE COURSES

Graduate Courses

Six hours a week of seminary work are offered in each year to graduate students of education. In addition there are offered observation classes in the Phebe Anna Thorne School and other schools. The Department of

Education also conducts an Educational Clinic in which examinations are made and advice given in regard to cases of retardation in special school subjects, general retardation, or any other maladjustment to school environment. Students electing education as their major subject for the degree of Doctor of Philosophy may elect educational psychology, educational methodology, economics, social economy, social history, social psychology, or experimental and systematic psychology, as the associated minor. The list of approved independent minors will be found in the Regulations of the Academic Council.

Dr. Rogers will offer one of the following seminaries in accordance with the need and preparation of the students.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers and Dr. Hamilton.

Three hours a week throughout the year.

This seminary gives training in the diagnosis of educational difficulties at all levels and also practical experience in giving remedial treatment as well as a critical study of the diagnosis and remedial methods now in use. The seminary is recommended to students preparing for work in child guidance clinics, for child welfare work and as visiting teachers.

Seminary in Advanced Mental Measurements: Dr. Rogers.

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement and to training in research in applied psychology.

Seminary in Advanced Educational Psychology: Dr. Rogers.

Two hours a week throughout the year.

The main problems of educational psychology, and especially the psychology of elementary and high school subjects are studied from a theoretical and experimental point of view.

Seminary in Social Education: Dr. Forest.

Two hours a week during the first semester.

(Not given in 1929-30)

Seminary in Theory of Education: Dr. Forest and Miss Baechle.

Two hours a week throughout the year.

(Given in each year)

This seminary is organized to give students experience in recognizing and solving in actual practice some of the problems inherent in teaching their major subject to high school and elementary school pupils. The work will include a study of child development and behavior in direct relation to problems of curriculum making and class room method. The seminary is planned with special reference to the needs of students taking their first year of graduate study in education.

Seminary in Principles of Education: Dr. Forest.

Two hours a week throughout the year.

(Not given in 1929-30)

This seminary will be devoted to the study of modern educational theory, and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method, and school administration directly in line with the interests of individual students will be discussed in the seminary, and will in so far as possible determine the content of the theoretical readings in the philosophy of education.

Journal Club in Education: Dr. Rogers, Dr. Forest and Miss Baechle.

Two hours once a fortnight throughout the year.

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism.

**Journal
Club**

Classical Archæology

PROFESSOR:	RHYS CARPENTER,* Ph.D.
ASSOCIATE PROFESSORS:	MARY HAMILTON SWINDLER, Ph.D. PRENTICE DUELL,† M.Arch.
LECTURER:	CHARLES H. MORGAN, Ph.D.

Two archæological seminaries of two hours a week each and a graduate lecture course of one hour a week throughout the year are offered to graduate students who have done elementary archæological work, and also a journal club meeting one and a half hours a fortnight. In addition individual students will be directed in special work by means of private conferences.

GRADUATE COURSES

Graduate Courses

Two seminaries in archæology, a graduate course, and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable, and familiarity with both Greek and Latin, though not required, is of the utmost value for graduate work in archæology.*

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman Coins, facsimiles of gems and seals, and a collection of original vase fragments many of which are by Roman masters.

Students electing classical archæology as a major subject for the degree of Doctor of Philosophy must have taken the major undergraduate course in Greek and the first year undergraduate course in Latin or courses equivalent to these.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1929-30: Archaic Greek Sculpture.

1930-31: Ægean Archæology with Emphasis on the Recent Discoveries in Crete and Mycenæ.

1931-32: Ancient Painting, including a Detailed Survey of Cretan Frescoes, Painted Plaques, Stelæ, and Sarcophagi, Greek Vases, Paintings found in Etruscan Tombs, Pompeian Wall Decoration, and the Mummy Portraits from the Fayum.

Archæological Seminary: Dr. Morgan. *Two hours a week throughout the year.*
(Given in each year)

This seminary is open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

1929-30: Fourth Century Greek Sculpture.

1930-31: Fifth Century Greek Architecture.

1931-32: Hellenistic Architecture.

* Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

† Granted leave of absence for the year 1929-30.

Greek Epigraphy: Dr. Carpenter.**One hour a week throughout the year.**(Given in each year)*

In the first semester the origin of the Greek alphabet and the epichoric forms are studied. Roehl's *Imagines* and Part I of Robert's *Introduction to Greek Epigraphy* are used as text-books. In the second semester a variety of inscriptions of artistic and topographic interest are read. The emphasis is archæological rather than linguistic or politico-historical.

Archæological Journal Club: Dr. Carpenter,* Dr. Swindler, Mr. Duell† and Dr. Morgan. *One and a half hours a fortnight throughout the year.*

**Journal
Club**

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

History of Art

PROFESSOR:

GEORGIANA GODDARD KING, M.A.

ASSOCIATE PROFESSOR:

ERNST DIEZ, ‡ Ph.D.

LECTURER:

EDWARD S. KING, M.F.A.

GRADUATE COURSES

Four hours a week of seminary work are offered each year to graduate students of history of art accompanied by the direction of private reading and original research, and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminaries announced, other courses will be provided as need for them arises, and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to ten hours a week may be elected by graduate students.

**Graduate
Courses****Seminary in History of Art: Miss King. *Two hours a week throughout the year.****(Given in each year)*

1929-30: Romanesque Origins; Sculpture.

The sources of Romanesque figure-sculpture, especially in Italy, France and Spain, will be studied and its development traced with due consideration of current theories as to priority, influence and outcome. In another year the work will be devoted to architecture, and the theories of Dieulafoy, Rivoira and Strzygowski will be examined and appraised, and special regions particularly studied, while the students give close attention to individual monuments. This course may be varied from year to year so as to permit a student's following it for more than one year, if desirable.

1930-31: Spanish Painting; Early Manuscripts to the Primitives, ending arbitrarily in 1550.

1931-32: Spanish Painting; The Golden Century.

In this course the sources and development of Spanish painting are considered, from the early miniature down to the work of living painters, a single epoch being selected in any one year. Students are expected to learn something about the Spanish character and history and to make short trips to see paintings on exhibition in America.

Either in 1932-33 or in the following year the subject will be Renaissance Sculpture and the students will be expected to study the various aspects of the art in the different countries of Europe, as well as the development of particular sculptors.

* Granted leave of absence.

† Granted leave of absence for the year 1929-30.

‡ Granted leave of absence for the second semester of the year 1929-30.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature, and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain æsthetic problems will be considered in successive years.

Seminary in History of Art: Dr. E. Diez.*

Two hours a week throughout the year.

(Given in each year)

1929-30: Oriental Art.†

Different problems of Mohammedan, Indian, and Far Eastern Art will be treated. Emphasis will be placed upon discussion of the relations between Western and Eastern Asiatic art.

1930-31: The Origin and Problems of Baroque Art in Italy and Other Countries.

The transition from Renaissance to Baroque in architecture as well as in sculpture and painting will be studied. Emphasis will be placed upon reading and commenting on the literature of the Baroque period.

1931-32: Introduction in the Research Methods of History of Art.

Tuscan Painting in the Trecento: Mr. E. S. King.

Two hours a week in the second semester.

(Given in 1929-30)

**Journal
Club**

Journal Club in the History of Art: Miss King, Dr. E. Diez and Mr. E. S. King.*

Two hours once a fortnight throughout the year.

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archæology and the History of Art and for discussion of current exhibitions.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

Spanish Primitives: Miss King.

Three hours a week throughout the year.

(Given in 1929-30)

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Spanish Architecture: Miss King.

Three hours a week throughout the year.

(Given in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Renaissance Sculpture: Miss King.

Three hours a week throughout the year.

(Given in each year)

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

* Granted leave of absence for the second semester of the year 1929-30.

† Owing to Professor Diez' leave of absence this seminary in the second semester will be conducted by Mr. E. S. King and the subject will be "Tuscan Painting in the Trecento."

Oriental Art: Dr. E. Diez.*Two hours a week during the first semester.**(Given in 1929-30)*

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the aesthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez.*Two hours a week throughout the year.**(Given in 1930-31)*

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the seventeenth and eighteenth centuries.

Music**PROFESSOR: HORACE ALWYNE, F.R.M.C.M.****GRADUATE COURSES****Graduate Courses**

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

Canon and Fugue: Mr. Alwyne.*Two hours a week throughout the year.**(Given in each year)*

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne.*Two hours a week throughout the year.**(Given in each year)*

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tone-quality, range, technique, etc.—with the grouping of the instruments—strings, woodwind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

Mathematics

ASSOCIATE PROFESSOR: DAVID VERNON WIDDER, Ph.D.

ASSOCIATE: MARGUERITE LEHR, Ph.D.

NON-RESIDENT LECTURER: ANNA PELL-WHEELER, Ph.D.

GRADUATE COURSES

Graduate Courses

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by the direction of private reading and original research. The subjects vary from year to year so that the seminaries may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students. Students who elect mathematics as a major subject for the degree of Doctor of Philosophy are required to elect mathematics also as an associated minor.

Differential Geometry: Dr. Lehr.

Two hours a week throughout the year.

(Given in 1929-30)

Theory of Functions of a Complex Variable: Dr. Widder.

Two hours a week during the first semester.

(Given in 1929-30)

This course includes the Cauchy and Weierstrass developments. Doubly periodic functions and analytic extension are two topics which are discussed.

Calculus of Variations: Dr. Wheeler. *Two hours a week during the first semester.*

(Given in 1929-30)

Theory of Functions of a Complex Variable: Dr. Wheeler.

Two hours a week during the second semester.

(Given in 1929-30)

Advanced Function Theory: Dr. Widder.

Two hours a week during the second semester.

(Given in 1929-30)

Geometry on a Curve: Dr. Lehr.

Two hours a week throughout the year.

(Given in 1930-31)

Considerations of linear systems of plane curves and of rational and birational transformations lead to the theory of linear systems of groups of points on an algebraic curve, and the characterization of curves by such systems, as obtained by Bertini, Castelnuovo, and Severi.

Higher Algebra: Dr. Wheeler. *Two hours a week throughout the year.*
(Given in 1930-31)

Mathematical Physics: Dr. Widder. *Two hours a week throughout the year.*
(Given in 1930-31)

Theory of Linear Integral Equations: Dr. Pell-Wheeler.
Two hours a week throughout the first semester.
(Given in 1931-32)

The classical theories of Volterra, Hilbert and Schmidt form the major part of the course.

Theory of Linear Equations in Infinitely Many Variables: Dr. Pell-Wheeler.
Two hours a week throughout the second semester.
(Given in 1931-32)

Partial Differential Equations of Mathematical Physics: Dr. Widder.
Two hours a week throughout the year.
(Given in 1931-32)

Mathematical Journal Club: Dr. Widder, Dr. Lehr and Miss Anderson.
One hour a fortnight throughout the year.

*Journal
Club*

The journal club holds fortnightly meetings at which reports on special topics or memoirs are presented by the instructors and the graduate students.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

*Advanced
Courses*

The advanced courses chosen from any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder. *Three hours a week throughout the year.*

Applications of Calculus: Dr. Wheeler. *Two hours a week throughout the year.*

Modern Geometry: Dr. Lehr. *Three hours a week throughout the year.*

Projective Geometry: Dr. Lehr. *Two hours a week throughout the year.*

Introduction to the Theory of Functions of a Real Variable: Dr. Wheeler.
Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of mathematics.

Introduction to the Theory of Functions of a Complex Variable: Dr. Widder.
Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of mathematics

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.
JAMES BARNES, Ph.D.

GRADUATE COURSES

Graduate Courses

The graduate seminars consist of lectures, laboratory work, and original research under the direction of the instructors, the subjects varying from year to year so that the seminars may be pursued by students through consecutive years. A good working library containing the current and bound numbers of all the important physical journals is kept in the laboratory. Students electing physics as their major subject for the degree of Doctor of Philosophy may elect it also as the associated minor, provided either mathematics or applied mathematics is taken as the independent minor; or mathematics or applied mathematics may be taken as the associated minor.

Seminary in Physics: Dr. Huff. *Three hours a week throughout the year.*
(Given in alternate years)

1930-31: Radio-activity and Discharge of Electricity Through Gases. *1st semester.*

The earlier lectures treat of the effects of fields on the path of a moving charged particle. A discussion of typical experimental methods of measuring velocity and the ratio of charge to the mass follows. After a study of the phenomena of electrical discharge and of radio-activity a brief account of theories is given.

Electron Theory.

2nd semester

In the Electron Theory the mathematical development of the subject is first dealt with and this is followed by experimental tests of theory.

Seminary in Physics: Dr. Barnes. *Three hours a week throughout the year.*
(Given in alternate years)

1929-30: Radiation.

The modern developments of radiation from cosmic to infra-red will be considered.

1931-32: A General Mathematical Discussion of Physical Optics.

Students will be expected to give detailed reports on the methods and results of investigations which illustrate the theory. When it seems desirable two and a half hours of experimental work will be substituted for one hour of the seminary.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

Electricity and Magnetism: Dr. Huff. *Three hours a week throughout the year.**(Given in 1929-30)*

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff. *Three hours a week during the first semester.**(Given in 1931-32)*

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff. *Three hours a week during the second semester.**(Given in 1931-32)*

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes. *Three hours a week throughout the year.**(Given in 1932-33)*

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes. *Three hours a week during the first semester.**(Given in 1930-31)*

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes. *Three hours a week during the second semester.**(Given in 1930-31)*

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE PROFESSOR:	LOUIS FREDERICK FIESER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

GRADUATE COURSES

The graduate courses in chemistry consist of lectures upon inorganic, organic, and physical chemistry, seminars, reports upon current chemical literature, and laboratory work. A reading knowledge of French and German is indispensable.

*Graduate
Courses*

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw, or in organic chemistry under the direction of Dr. Fieser.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw.

One hour a week throughout the year.

(Given in each year)

The work of the seminary consists of lectures, required reading, and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Fieser.

One hour a week throughout the year

(Given in each year)

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which the student is engaged.

Graduate Organic Chemistry: Dr. Fieser. *One hour a week throughout the year.*

(Given in each year)

Lectures, reading, and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

*Journal
Club*

Chemical Journal Club: Dr. Crenshaw, Dr. Fieser, and Miss Lanman.

One hour a week throughout the year.

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

*Advanced
Courses*

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser.

Two hours a week throughout the year.

(Given in each year)

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: free radicals, quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman.

One hour a week throughout the year.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Geology

ASSOCIATE PROFESSOR: MARLAND PRATT BILLINGS, Ph.D.

ASSOCIATE: RALPH STEWART, Ph.D.

GRADUATE COURSES

The seminars in petrology and crystallography should be preceded by the major and advanced undergraduate courses or their equivalents and are intended primarily for graduate students wishing to make inorganic geology a major subject for the degree of Doctor of Philosophy. The seminary in crystallography is also intended to meet the needs of graduate students in chemistry who wish to make crystallography a minor subject for the degree of Doctor of Philosophy. The seminary in invertebrate paleontology is designed primarily for graduate students wishing to make organic geology a major subject for the degree of Doctor of Philosophy. Further seminars in petrology and paleontology will be arranged to suit the requirements of candidates for the degree of Doctor of Philosophy and research problems will be assigned.

Students may specialize either in petrology and crystallography, under the direction of Dr. Billings, or in stratigraphic geology and paleontology, under the direction of Dr. Stewart, but students who make inorganic geology the major subject of examination must take either organic geol-

*Graduate
Course*

ogy, economic geology or inorganic chemistry as the associated minor and students who elect organic geology as the major subject, must take either inorganic geology or biology as the associated minor.

Seminary in Petrology or Crystallography or Metamorphic Geology:
Dr. Billings.

Three hours a week throughout the year.

(Given in each year)

The seminary is conducted by means of lectures, informal discussions, required reading, laboratory work, and formal reports. The selection of subjects in petrology is dependent upon the needs of the individual students and is varied from year to year. In crystallography direction is given in crystal measurement with the two-circle goniometer, in crystal projection, and crystal drawing. When metamorphic geology is the subject of the seminary the products and processes of anamorphism and katamorphism are investigated and classified.

Seminary in Invertebrate Palæontology or Economic Geology: Dr. Stewart.

Three hours a week throughout the year.

(Given in each year)

Invertebrate Palæontology.

The course is intended as an introduction to research work in palæontology. Practice is given in preparation of material and in identification. Several biologic groups are traced through their geologic range.

Economic Geology.

The occurrence and origin of metallic and non-metallic mineral deposits. Practice is given in interpretation of textures and structures of polished ore specimens.

*Journal
Club*

Geological Journal Club: Dr. Billings and Dr. Stewart.

Two hours once a fortnight throughout the year.

The graduate students and the instructors meet for the presentation and discussion of recent geological literature.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

(Given in each year)

1st Semester.

Optical Mineralogy: Dr. Billings.

Three hours a week

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six hours to laboratory and some reading. The course deals with the principles of optical mineralogy and a full training is given in the emersion method of mineral identification. This course is essential for all courses in petrography and petrology.

Prerequisites: elementary geology, historical geology, determinative mineralogy.

2nd Semester.

Descriptive Petrography: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week

Three hours a week are devoted to lectures, six to laboratory and some reading. The course deals with the mineralogy, texture, chemistry, origin, and geographic distribution of igneous rocks.

Prerequisites: elementary geology, historical geology, determinative mineralogy, and optical mineralogy.

*(Given in each year)***Stratigraphy and Paleontology: Dr. Stewart.***Three hours a week throughout the year.***Laboratory Work: Dr. Stewart.***Six hours a week throughout the year.*

Three hours a week are devoted to lectures, six hours a week to laboratory. The work of the first semester consists of lectures and assigned reading in sedimentation. This is studied by a study of the successive formations and their faunas.

Prerequisites: elementary geology, historical geology, systematic paleontology, and structural geology.

*(Given in each year if the time of the department permits)**1st Semester.***Glaciology: Dr. Stewart.***Three hours a week.***Laboratory Work: Dr. Stewart.***Six hours a week.*

Three hours a week are devoted to lectures, six hours to reading. This course considers the erosive and depositional features of mountain and continental glaciers. Particular emphasis is on the Pleistocene, but the earlier Ice Ages are also considered.

Prerequisites: elementary geology and historical geology.

*2nd Semester.***Advanced Physiography: Dr. Stewart.***Three hours a week.***Laboratory Work: Dr. Stewart.***Six hours a week.*

Three hours a week are devoted to lectures, six hours to reading, laboratory, or field trips. This course deals with land forms and their origin. Selected areas are also studied.

Prerequisites: elementary geology and historical geology.

Biology**PROFESSOR:****DAVID HILT TENNENT, Ph.D.****ASSOCIATE PROFESSOR:****FRANZ SCHRADER, Ph.D.****ASSOCIATE:****DOROTHEA EGGLESTON SMITH, Ph.D.****GRADUATE COURSES**

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department amounting to nine hours a week may be elected by graduate students. The advanced courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent and Dr. F. Schrader or in physiology or biochemistry under the guidance of Dr. Smith.

Graduate Courses**Seminary in Zoölogy: Dr. Tennent.***Three hours a week throughout the year.**(Given in each year)***1929-30: Embryology of Invertebrates.**

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation, and a discussion of the bearing of these questions on evolution and inheritance.

1930-31: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

Seminary in Heredity and Sex: Dr. F. Schrader.

Three hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

The work includes a discussion of biometrical methods: of Mendelism; of cases not interpreted on a Mendelian basis; of the application of genetics to animal and plant breeding; of the determination of sex.

Seminary in Biochemistry: Dr. Smith. Three hours a week throughout the year.

(Given in each year)

This course consists of supervised reading on selected topics, and pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite.

Laboratory Work: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

**Journal
Club**

Biological Journal Club: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

One hour a week throughout the year.

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Embryology of Vertebrates: Dr. Tennent.

One hour a week throughout the year.

(Given in 1929-30 and again in 1931-32)

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick, and Pig. At least four hours of laboratory work are required.

The course is divided as follows: first semester, Early stages of Development; second semester, Organogeny.

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.

One hour a week throughout the year.

(Given in 1930-31)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

Biology of Bacteria and Protozoa: Dr. F. Schrader.*One hour a week throughout the year.**(Given in 1929-30)*

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

Biochemistry: Dr. Smith.*Two hours a week throughout the year.***Laboratory Work.***Six hours a week.*

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed, the Major Course in chemistry will be admitted.

Physiology: Dr. Smith.*Three hours a week during the second semester.***Laboratory Work.***Six hours a week.*

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1929-30 students who have completed the first semester's work in the Major Course in biology and can meet the pre-requisite in chemistry, may enter this course.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the course offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

FREE ELECTIVE COURSE**Theoretical Biology: Dr. Tennent.***One hour a week throughout the year.**(Given in each year)*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

*Free
Elective
Course*

Fellowships and Graduate Scholarships

Date of Application for Fellowships and Scholarships

Application for resident fellowships or scholarships should be made as early as possible to the Dean of the Graduate School, and must be made not later than the fifteenth of February preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

European Traveling Fellowships

Bryn Mawr European Fellowship

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

Mary Elizabeth Garrett European Fellowship

*The Mary Elizabeth Garrett European Fellowship** of the value of \$1,000 was founded by Miss Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student still in residence who has completed at least three semesters† of graduate studies at Bryn Mawr College. The fellowship is to be applied towards the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

Since this fellowship is awarded to assist candidates for the Doctor's degree at Bryn Mawr College to complete their preparation, it is understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

Anna Ottendorfer Memorial Research Fellowship

The Anna Ottendorfer Memorial Research Fellowship in German and Teutonic Philology of the value of \$1,200 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some

* By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

† In the case of half-time students, two semesters count as one.

German university and is offered annually to a graduate student who has completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

The Fanny Bullock Workman Fellowship of the value of \$1,500, to be held during a year of study or research abroad, is offered annually to a graduate student studying at Bryn Mawr College. The holder of the fellowship must be a student of proved ability who is working for the degree of Doctor of Philosophy and who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

*Fanny
Bullock
Workman
Fellowship*

Resident or Traveling Fellowship

The Helene and Cecil Rubel Foundation Fellowship of the value of \$1,500 was founded in 1920 by Miss Helene Rubel of New York City, to be awarded in each year by the Faculty of Bryn Mawr College with the approval of the donor. The fellowship may be awarded to any woman who has at any time studied in the graduate school of Bryn Mawr College long enough to have shown her ability irrespective of whether her work is planned to lead to a degree or not, and may be used by the holder, with the approval of the Faculty, in whatever way may best advance the purpose she has in mind. The fellowship may be held at any centre of education that may be selected by the student and approved by the Faculty as best suited to her individual needs, or may, in special cases, be used as a traveling fellowship to give opportunity for the study of conditions in which the student may be interested in different parts of the world. The fellowship shall be awarded to the best student but if she can afford to carry out her plans with her own income she shall return the amount of the fellowship to the college to be used by another student in the same year.

*Helene and
Cecil Rubel
Foundation
Fellowship*

Resident Fellowships

The Helen Schaeffer Huff Memorial Research Fellowship founded in 1913, of the value of \$1,200, is offered annually to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics.

*Helen
Schaeffer
Huff
Memorial
Research
Fellowship*

The fellowship may under exceptional circumstances be awarded in consecutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

***Department
Fellowships***

Twenty-three resident fellowships, of the value of \$810 each, are offered annually in Greek, Latin, English, Romance Languages (two fellowships), German, Biblical Literature, History, Philosophy, Psychology, Education, Archæology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology, the Justus C. Strawbridge Fellowship in Economics and Politics, two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research, and two Grace H. Dodge Memorial Fellowships in Industrial Relations and Personnel Administration. They are open for competition to graduates of any college of good standing and will be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

DUTIES OF RESIDENT FELLOWS

***Duties of
Resident
Fellows***

Fellows are expected to attend all college functions, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the seminaries; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to conform to the Self-Government regulations. They are required to reside in the Graduate Hall and are assigned rooms by the Secretary and Registrar of the College. They are charged the usual fee of seven hundred and thirteen dollars and fifty cents for tuition, board, room rent, infirmary fee and athletic fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Resident Graduate Scholarships

***Resident
Scholarships***

Twenty Graduate Scholarships, of the value of \$350 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing. Scholars may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the President.

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$350 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

**Robert G.
Valentine
Memorial
Scholarship**

Two Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations of the value of \$350 each, are offered annually and are open for competition to graduates of any college of good standing.

**Grace H.
Dodge
Scholarships**

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the Settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

A Scholarship in Music, available for graduate or undergraduate students in need of financial aid is offered each year by the "Music Fund" of Boston, Massachusetts, to students training themselves to become teachers of music in public or private schools or colleges. The value of the scholarship is \$350 to \$500 and it is awarded on the recommendation of Mr. Thomas Whitney Surette, Chairman of the Music Fund, and Mr. Horace Alwyne, Director of the Department of Music. Undergraduates must satisfy the requirements in ear training and pianoforte playing; graduates must be qualified in sight-singing, musical dictation, pianoforte playing and sight reading, harmony, history and appreciation of music (a two-year course).

**Scholarship
in Music**

Graduate Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

**Susan B.
Anthony
Memorial
Prize**

From 1910 to 1928 the Memorial of Susan B. Anthony was a graduate scholarship in social economy or politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. As in the past eighteen years very few such studies have been published, the form of the memorial has been changed to a prize with the consent of the surviving donor, Miss Lucy E. Anthony.

Beginning in June, 1930, it will be awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future.

The award will be made by the President of the College, acting as chairman, and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written, and two from allied or associated departments.

*Scholarships for Foreign Women***Scholarships
for Foreign
Women*

Five graduate scholarships, of the value of one thousand dollars each, are offered annually to women students outside the United States and Canada. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing, that is, a three or four years' university course.† It is *essential* that applicants should be able to speak and understand English. Application for these scholarships should be made before April first. Renewal of the scholarships for a second year will not be granted except in very exceptional cases. Holders of the scholarships are required to be in continuous residence at the college and to follow regular approved courses of study.

The cost of board, residence and tuition for the academic year is \$715, and an additional charge of \$15 a week is made for students who remain at the college during the three weeks of the Christmas and Easter vacations. The value of the scholarship, \$1000, therefore covers more than the fixed college expenses, and the remainder may be applied toward the other expenses which must be met by the student, i. e., traveling expenses to and from Europe, books, laundry, and all incidental personal expenses

DUTIES OF RESIDENT SCHOLARS

*Duties of
Resident
Scholars*

Scholars are expected to reside in the Graduate Hall, to attend all college functions, to wear academic dress and to assist in the conduct of examinations. They may undertake, while holding a scholarship, only a very limited amount of teaching or other paid work, approved in advance by the President. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates, and by letters of recommendation from professors, and should be addressed to the office of the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A. Through coöperation with the Institute of International Education, 2 West 45th Street, New York City, applications from nationals of the countries with which the Institute maintains international student exchange relations, should be addressed to the Institute representatives in those countries:—Austria: Dr. Paul Dangler, Austro-American Institute of Education, I Elizabethstrasse 9, Vienna; Czechoslovakia: Dr. Frantisek Praus, Ministry of Education, Nostic Palace, Prague III; France: Monsieur A. V. Desclos, Office National des Universités et Écoles Françaises, 96 Boulevard Raspail, Paris; Germany: Dr. A. Morsbach, Akademischer Austauschdienst, Schloss Portal III, Berlin C 2; Hungary: Dr. Dennis Jánosy, Ministry of Education, V. Bathory-utca 12, Budapest; Switzerland: Dr. Arthur Rohn, Eidgenössische Technische Hochschule, Zurich.

† For British women the degree of Bachelor of Arts, for French women the *Licence* for Norwegian and Swedish women the *Cand. Philol.*, or their equivalents are desired.

Students' Loan Fund

The Students' Loan Fund was founded by the Class of 1890 for the use of able students whether or not they hold scholarships who need to borrow money in order to continue their college course, and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Fund Committee.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduates and undergraduates students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance with the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$9,000 yields sufficient income at present to provide tuition for one undergraduate or two graduate students at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment
 of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 122,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Saupe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 2 P. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over twelve thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments, and, in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library*, and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M., and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents, and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes, and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college, and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German, and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

Abhandlungen der Königlichen Bayerischen Akademie der Wissenschaften zu München.	Living Age.
American Mercury.	London Mercury.
*Amherst Graduates' Quarterly.	Mercure de France.
Asia.	Mind and Body.
Atlantic Monthly.	Minerva-zeitschrift.
Bookman.	*Monthly Bulletin of the Carnegie Library of Pittsburgh.
Bookman (English).	Musical Quarterly.
Bookseller.	Nachrichten von der Königlichen Gesellschaft der Wissenschaften Göttingen.
*Bryn Mawr Alumnae Bulletin.	Nation, N. Y.
Bulletin of Bibliography.	Nation and Athenaeum.
*Bulletin of the New York Public Library.	Neue Rundschau.
Century.	New Republic.
China Weekly Review.	New Statesman.
Congressional Digest.	New York Times Index.
Contemporary Review.	Nineteenth Century.
Cumulative Book Index.	North American Review.
Deutsche Rundschau.	Nouvelle Revue Française.
Dial.	Nuova Antologia.
Drama.	Outlook.
Edinburgh Review.	Philadelphia Symphony Orchestra Program.
English Review.	Preussische Jahrbücher.
La Esfera.	Public Affairs Information Service Bulletin.
Foreign Affairs.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum.	Quarterly Review
Göttingische Gelehrte Anzeigen.	Reader's Guide to Periodical Literature.
Harper's Monthly Magazine.	Review of Reviews.
L'Illustration.	Revista de Occidente.
International Index to Periodicals.	Revue Critique d'Histoire et de Littérature.
Irish Statesman.	Revue de Paris.
Jahresverzeichniss der an den deutschen Universitäten und Technischen Hochschulen erschienenen Schriften.	Revue des Deux Mondes.
*Japan Society Bulletin.	Revue Politique et Littéraire; Revue Bleue.
*Johns Hopkins University, Circulars.	
Library Journal.	
Literary Digest.	

* Presented by the Publishers.

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| <p>Saturday Review.
Scientia.
Scribners Magazine.
Sewanee Review.
Sitzungsberichte der Königlichen Bayerischen Akademie der Wissenschaften.
Sitzungsberichte der Königlichen Preussischen Akademie der Wissenschaften zu Berlin.
*Southern Workman.
Spectator.</p> | <p>Theater Arts Monthly.
(Der) Türmer.
*University of California, Publications.
*University of Missouri, Studies.
*University of Nebraska, Studies.
*University of Texas, Studies.
*University of Washington, Studies.
Westermann's Monatshefte.
World's Work.
Zeitschrift für Ästhetik.</p> |
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Newspapers

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| <p>*College News, Bryn Mawr.
El Sol.
*Home News, Bryn Mawr.
London Times.</p> | <p>New York Times.
Philadelphia Public Ledger.
United States Daily.</p> |
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Art and Archaeology

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| <p>American Journal of Archæology.
Die Antike.
Archæologische Ephemeris.
Archiv für Papyrusforschung.
Archivo espanol de Arte y Arqueologia.
Art and Archæology.
Art in America.
L'Arte.
Berliner Museen.
Boletin de la Sociedad Española a Excur-siones.
British School at Athens, Annual.
*Bulletin of the Cleveland Museum of Art.
Bulletin of the Metropolitan Museum of Art, New York.
Bulletino della Commissione archæologica comunale de Roma.
*Bulletin of the Rhode Island School of Design.
Burlington Magazine.
Dedalo.
Emporium.
Gazette des Beaux Arts.
International Studio.
Jahrbuch der königlich preussischen kunst-sammlungen.
Jahrbuch des Archæologischen Instituts.</p> | <p>Jahreshefte des Österreichischen Archæo-logischen Instituts in Wien.
Journal of Egyptian Archæology.
Journal of Hellenic Studies.
Journal international d'archéologie numis-matique.
Mittheilungen und Nachrichten des Deut-schen Palästina Vereins.
Mittheilungen des Deutschen Archæo-logischen Instituts, Athenische Abtei-lung.
Mittheilungen des Deutschen Archæo-logischen Instituts, Römische Abteilung.
Monumenti Antichi.
Museum Journal.
*Museum of Fine Arts Bulletin, Boston.
Notizie degli Scavi di Antichita.
Parnassus.
Rassegna d'arte.
Rassegna d'arte Senese.
Revue archéologique.
Revue de l'art.
Rivista d'arte.
Syria.
Zeitschrift des Deutschen Palästina Vereins.
Zeitschrift für bildende kunst.</p> |
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Economics and Politics

- *Advocate of Peace.
- All Opinions of the U. S. Supreme Court.
- *American Association for International Conciliation, Publications.
- American City.
- American Economic Review.
- American Federationist.
- American Journal of International Law.
- American Municipalities.
- American Political Science Review.
- Annalist.
- Annals of the American Academy of Political and Social Science.
- Columbia Law Review.
- Columbia Studies in History, Economics, and Public Law.
- Commerce Monthly.
- *Congressional Record.
- Economic Journal.
- Good Government.
- Great Britain, Consolidated List of Parliamentary Publications.
- Harvard Business Review.
- Harvard Law Review.
- Jahrbücher für Nationalökonomie und Statistik.
- Johns Hopkins University Studies in Historical and Political Science.
- *Journal du Droit international.
- Journal of Comparative Legislation.
- Journal of Criminal Law.
- Journal of Political Economy.
- Journal of the Royal Statistical Society.
- League of Nations Official Journal.
- League of Nations Treaty Series.
- Local Government Abroad.
- Municipal Journal, London.
- National Municipal Review.
- National Tax Association Bulletin.
- Paix par le Droit.
- Political Science Quarterly.
- Polybiblion; Revue Bibliographique.
- Proceedings of the Academy of Political Science.
- Public Administration.
- Public Management.
- Publications of the American Economic Association.
- Quarterly Journal of Economics.
- *Revue de Droit international.
- Revue Municipale.
- Short Ballot Bulletin.
- *U. S. Weekly Commerce Reports.
- Yale Review.
- Zeitschrift für Kommunal Wirtschaft.
- Zeitschrift für Volkswirtschaft, Socialpolitik u. Verwaltung.

Social Economy and Social Research

- *Advance.
- American Child.
- American Child Health Association, Transactions.
- *American Flint.
- American Journal of Public Health.
- American Journal of Sociology.
- American Labor Legislation Review.
- *American Pressman.
- *Bakers' Journal.
- Better Times.
- Bibliographie der Socialwissenschaften.
- *Bridgeman's Magazine.
- *Broom-makers' Journal.
- *Bulletin of the New York State Department of Labor.
- Bulletin of the Taylor Society.
- *Carpenter.
- *Chase Economic Bulletin.
- Child Health Bulletin.
- *Cigar Makers' Journal.
- *Commercial Telegraphers' Journal.
- Economic World.
- *Electrical Workers' Journal.
- *Elevator Constructor.
- Eugenics Review.
- Factory.
- Family.
- *Garment Worker.
- *Granite Cutters' Journal.
- Housing Betterment.
- Industrial Arts Index.
- Industrial Bulletin.
- Industrial Information Service.
- *Institution Quarterly.
- *International Bookbinder.
- *International Engineer.
- International Labour Office Publications.
- International Labour Review.
- *International Musician.
- *International Woodcarver.
- Journal of American Statistical Association.
- Journal of Delinquency.

- Journal of Heredity.
 Journal of Industrial Hygiene.
 Journal of Personnel Research.
 Journal of Social Hygiene.
 *Journeyman Barber.
 *Justice.
 *Labor Bulletin of the Massachusetts
 Bureau of Statistics.
 Labour Magazine.
 Labour Monthly.
 *Law and Labor.
 *Leatherworkers' Journal.
 L'Emancipation.
 Life and Labor Bulletin.
 Locomotive Engineer's Journal.
 *Machinists' Monthly Journal.
 Mental Hygiene.
 *Metal Polishers' Journal.
 Metron.
 Ministry of Labour Gazette.
 *Mixer and Server.
 Monthly Labor Review.
 National Consumers' League.
 National Conference of Social Work,
 Bulletin and Proceedings.
 *Ohio State Institute Journal.
 *Painter and Decorator.
 *Papermakers' Journal.
 *Patternmakers' Journal.
 *Paving Cutters' Journal.
 *Plasterer.
 Playground.
 *Plumbers, Gas and Steam Fitters Journal.
 *Public Health, Michigan.
 *Quarry Workers' Journal.
 *Railroad Telegrapher.
 *Railway Carmen's Journal.
 *Railway Maintenance of Way Employee's
 Journal.
 *Retail Clerks' International Advocate.
 Revue des Etudes Co-operative.
 Revue Internationale de Sociologie.
 *Shoeworkers' Journal.
 *Shop Review.
 Social Forces.
 Social Science Abstracts.
 Social Service Review.
 Sociological Review.
 Sociology and Social Research.
 *Stereotypers' and Electrotypers' Journal.
 Survey.
 System.
 *Tailor.
 *Teamsters', Chauffeurs', Stablemen and
 Helpers' Magazine.
 *Textile Worker.
 *Tobacco Workers' Journal.
 *Trade Union News.
 *Typographical Journal.
 Union Labor Record.
 *U. S. Bureau of Immigration, Publications.
 *U. S. Bureau of Labor Statistics, Bulletin.
 *U. S. Bureau of the Census, Publication .
 *U. S. Children's Bureau, Publications.
 *U. S. Department of Health, Bulletin.
 *University of Illinois, Studies in Social
 Sciences.
 *University of Minnesota, Studies in Social
 Sciences.
 *Welfare Magazine.
 Werdende Zeitalter.
 World Association for Adult Education
 Bulletin.
 *Woodcarver.

Education

- Child Development Abstracts.
 Childhood Education.
 Education.
 Educational Administration.
 Educational Record.
 Elementary School Journal.
 Forum of Education.
 Harvard Monographs in Education.
 Industrial Education Magazine.
 Journal of Educational Psychology
 Journal of Educational Research.
 *Journal of the American Association of
 University Women.
 Lehrproben und Lehrgänge.
 National Education Association, Publica-
 tions.
 National Society for the Study of Educa-
 tion Yearbook.
 Pedagogical Seminary.
 Progressive Education.
 Revue International de l'Enseignement
 Supérieur.
 Revue Universitaire.
 School and Society.
 School Parent.
 School Review.
 School Science and Mathematics
 Supplementary Education Monographs.
 Teachers' College Contributions to Educa-
 tion.
 Teachers' College Record.
 Teacher's Journal and Abstract.
 *U. S. Bureau of Education, Bulletin.
 *University of California Publications,
 Education.
 Zeitschrift für pädagogische Psychologie.

History

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| <p>American Historical Association, Reports.
 American Historical Review.
 Camden Society, Publications.
 Current History.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift
 Historische Zeitschrift.
 History.
 *Illinois State Historical Society Journal.</p> | <p>Jahresberichte der Geschichtswissenschaft
 Journal of Economic and Business History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Napoleon, revue
 Pipe Roll Society, Publications.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.</p> |
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Philology and Literature, Classical

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| <p>Ægyptus.
 Bulletin bibliographique et pédagogique du Musée Belge.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Commentationes philologae jenenses.
 Dissertationes philologicae halenses.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.
 Klio.</p> | <p>Le Musée Belge, Revue de Philologie classique.
 Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Untersuchungen.
 Philologus.
 Quellen und Forschungen zur lateinischen Philologie.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.</p> |
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Philology and Literature, General and Comparative

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| <p>Acta Philologica Scandinavica.
 American Journal of Philology.
 Eranos.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica.
 Philological Quarterly.</p> | <p>Philological Society, London, Publications.
 Philologische Wochenschrift.
 Speculum.
 Transactions of the American Philological Association.
 Zeitschrift für die österreichischen Gymnasien.
 Zeitschrift für vergleichende Sprachforschung.</p> |
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Philology and Literature, Modern

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| <p>Anglia
 Anglistische Forschungen.</p> | <p>Archiv für das Studium der neueren Sprachen.</p> |
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- Archivum Romanicum.
 Arkiv for Nordisk Filologi.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletino della Societa Dantesca Italiana.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Chronique des lettres francaises.
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Dialect Notes.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Études italiennes.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Kieler Studien zur englischen Philologie.
 Korrespondenzblatt des Vereins für niederdeutsche Sprachforschung.
 Kritischer Jahresbericht über die Fortschritte der romanischen Philologie.
 Language, journal.
 (Les) Lettres.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Litteris.
 Malone Society, Publications.
 Marzocco.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Münchener Beiträge zur romanischen und englischen Philologie.
 Muttersprache.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revista de Occidente.
 Revista de Estudios Hispánicos.
 Revue Celtique.
 Revue des Langues Romanes.
 Revue de Litterature Comparée.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Français, Publications.
 Société des Textes Français Modernes, Publications.
 Studien zur englischen Philologie.
 Studies in Philology.
 Wiener Beiträge zur englischen Philologie.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und deutsche Litteratur.
 Zeitschrift für französische Sprache und Litteratur.
 Zeitschrift für romanische Philologie.

Philology and Literature, Semitic

American Journal of Semitic Languages
and Literatures.
Jewish Quarterly Review.
Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
Zeitschrift für ägyptische Sprache und
Altertumskunde.
Zeitschrift für Assyriologie.

Philosophy and Psychology

American Journal of Ophthalmology.
American Journal of Physiological Optics.
American Journal of Psychology.
Annalen der Philosophie.
Année psychologique.
Archives de Psychologie.
Archives of Psychology.
Archiv für die gesammte Psychologie.
Archiv für Geschichte der Philosophie.
Archiv für systematische Philosophie.
British Journal of Medical Psychology.
British Journal of Psychology.
Bulletin de l'Institut Psychologique.
Comparative Psychology Monographs.
Genetic Psychology Monographs.
Hibbert Journal.
International Journal of Ethics.
Journal de Psychologie.
Journal für Psychologie und Neurologie.
Journal of Abnormal and Social Psychology.
Journal of Applied Psychology.
Journal of Comparative Psychology.
Journal of Experimental Psychology.
Journal of Philosophical Studies.
Journal of Philosophy.

Mind.
Monist.
Philosophical Review.
Proceedings of the Aristotelian Society.
Proceedings of the Society for Psychical
Research.
Psychological Abstracts.
Psychological Bulletin.
Psychological Clinic.
Psychological Review.
Psychological Review; Monograph Sup-
plements.
Psychological Review: Psychological In-
dex.
Psychologische Arbeiten.
Psychologische Forschung.
Revue de Métaphysique.
Revue philosophique.
Training School Bulletin, Vineland.
*University of Toronto Studies, Psychology
Series.
Zeitschrift für angewandte Psychologie.
Zeitschrift für Psychologie und Physio-
logie der Sinnesorgane: 1. Abt., Zeit-
schrift für Psychologie. 2. Abt., Zeit-
schrift für Sinnesphysiologie.

Religion

American Friend.
Anglican Theological Review.
*Christian Register.
Expository Times.
Harvard Theological Review.
Journal of Biblical Literature.
Journal of Religion.
Journal of Theological Studies.
*Publications of the American Jewish His-
torical Society.

Religious Education.
Revue biblique.
Revue de l'histoire de Religions.
*Spirit of Missions.
*Woman's Missionary Friend.
Zeitschrift für die Alttestamentliche Wes-
senschaft.
Zeitschrift für die Neutestamentliche Wes-
senschaft.

Science, General.

American Journal of Science.
Atti della Reale Accademia delle Scienze
di Torino.
British Association for the Advancement
of Science, Reports.

*Bulletin of the University of Wisconsin.
Science Series.
Comptes Rendus des Séances de l'Aca-
démie des Sciences.
Journal of Scientific Instruments.

*Kansas University, Science Bulletin.
Nature.

*New York State Museum Bulletin.
Philosophical Magazine.
Philosophical Transactions of the Royal
Society of London.
Proceedings of the American Philosophical
Society.
Proceedings of the National Academy of
Sciences.

Royal Society of London Proceedings,
series A and B.

Science.
Scientific American.
Scientific Monthly.

*U. S. National Museum, Publications.

*University of Missouri Studies, Science
Series.

Science, Biology

American Anthropologist.
American Journal of Anatomy.
American Journal of Physiology.
American Naturalist.
Anatomischer Anzeiger.
Archiv für die gesammte Physiologie.
Archiv für Entwicklungsmechanik.
Archiv für Protistenkunde.
Biochemical Journal.
Biochemische Zeitschrift.
Biologisches Centralblatt.
Botanisches Centralblatt.
Genetics.

*Illinois Biological Monographs.
Jahrbücher für wissenschaftliche Botanik.
Journal de Physiologie.
Journal of Biological Chemistry.
Journal of Experimental Medicine.
Journal of Experimental Zoology.
Journal of General Physiology.
Journal of Genetics.
Journal of Morphology.
Journal of Physiology.

Journal of the Royal Microscopical
Society.

*Midland Naturalist.

Physiological Abstracts.

Physiological Reviews.

Quarterly Journal of Microscopical
Science.

*U. S. Public Health Service, Publications.

*University of California Publications,
Physiology.

*University of California Publications,
Zoology.

*University of Pennsylvania, Contribu-
tions from the Zoological Laboratories.

*University of Toronto Studies, Biological
Series.

*University of Toronto Studies, Physio-
logical Series.

*Wilson Bulletin.

Zeitschrift für Physiologische Chemie.

Zeitschrift für wissenschaftliche Zoologie.

Zeitschrift für Zellforschung und mikro-
skopische Anatomie.

Zoologischer Anzeiger.

Science, Geology and Geography

American Association of Petroleum
Geologists. Bulletin.

Association of American Geographers,
Annals.

Bulletin of the Geographical Survey of
Philadelphia.

Centralblatt für Mineralogie.

Economic Geography.

Economic Geology.

Geographical Journal.

Geological Magazine.

Geologisches Centralblatt.

*Illinois Geological Survey Bulletin
Internationale Bergwirtschaft.

Journal of Geography.

Journal of Geology.

Meteorologische Zeitschrift.

Mineralogical Magazine.

National Geographic Magazine

Neues Jahrbuch für Mineralogie, Geologie
und Paläontologie.

Pan-American Geologist.

Quarterly Journal of the Geological
Society.

Revue de Geologie.

*U. S. Monthly Weather Review.

*University of Toronto Studies, Geological
Series.

Mathematics, Chemistry, and Physics

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| <p> <i>Acta Mathematica.</i>
 <i>American Journal of Mathematics.</i>
 <i>American Mathematical Monthly.</i>
 <i>Annalen der Chemie.</i>
 <i>Annalen der Physik.</i>
 <i>Annales de Chimie.</i>
 <i>Annales de Physique.</i>
 <i>Annales des Sciences de l'Université de Toulouse.</i>
 <i>Annales scientifiques de l'Ecole Normale Supérieure.</i>
 <i>Annali di Matematica.</i>
 <i>Annals of Mathematics.</i>
 <i>Astrophysical Journal.</i>
 <i>Berichte der deutschen chemischen Gesellschaft.</i>
 <i>Bollettino di Matematica.</i>
 <i>British Chemical Abstracts.</i>
 <i>Bulletin de la Société Chimique de France.</i>
 <i>Bulletin de la Société mathématique.</i>
 <i>Bulletin des Sciences mathématiques.</i>
 <i>Bulletin of the American Mathematical Society.</i>
 <i>Cambridge Tracts in Mathematics.</i>
 <i>Chemical Reviews.</i>
 <i>Chemisches Zentralblatt.</i>
 <i>Faraday Society Transactions.</i>
 <i>Giornale di Matematiche.</i>
 <i>Helvetica Chimica Acta.</i>
 <i>Jahrbuch der Chemie.</i>
 <i>Jahrbuch über die Fortschritte der Mathematik.</i>
 <i>Jahresbericht der deutschen Mathematiker Vereinigung.</i>
 <i>Journal de Chimie physique.</i> </p> | <p> <i>Journal de Mathématiques.</i>
 <i>Journal de Physique et de le Radium.</i>
 <i>Journal für die reine und angewandte Mathematik.</i>
 <i>Journal für praktische Chemie.</i>
 <i>Journal of Physical Chemistry.</i>
 <i>Journal of the American Chemical Society.</i>
 <i>Journal of the London Chemical Society.</i>
 <i>Journal of the Optical Society.</i>
 <i>Kolloidzeitschrift.</i>
 <i>Mathematische Annalen.</i>
 <i>Mathematische Zeitschrift.</i>
 <i>Messenger of Mathematics.</i>
 <i>Monatshefte für Chemie.</i>
 <i>Physical Review.</i>
 <i>Physikalische Zeitschrift.</i>
 <i>Proceedings of the London Mathematical Society.</i>
 <i>Quarterly Journal of Mathematics.</i>
 <i>Recueil des Travaux Chimique des Pays-Bas.</i>
 <i>Rendiconti del Circolo Matematico di Palermo.</i>
 <i>Revue Semestrielle de Publications Mathématiques.</i>
 <i>Science Abstracts.</i>
 <i>Transactions of the American Mathematical Society.</i>
 <i>U. S. Bureau of Standards Bulletin.</i>
 <i>Zeitschrift für anorganische Chemie.</i>
 <i>Zeitschrift für Elektrochemie.</i>
 <i>Zeitschrift für Mathematik und Physik.</i>
 <i>Zeitschrift für Physik.</i>
 <i>Zeitschrift für physikalische Chemie.</i> </p> |
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LIST OF DISSERTATIONS

PUBLISHED BY STUDENTS WHO HAVE OBTAINED THE DEGREE OF
DOCTOR OF PHILOSOPHY FROM BRYN MAWR COLLEGE

- ADAMS,* LOUISE ELIZABETH WHITEHALL. A study in the Commerce of Latium from the early Iron Age through the sixth century B. C., 84 p., O. Menasha, Wisconsin, The George Banta Publishing Co., 1921.
- ALLARD,† BEATRICE. A contribution to the study of the Moral Practices of certain social groups in Ancient Mesopotamia. 90 p., O. Leipzig, W. Drugulin. 1921.
- ALMACK, MARY RUTH.§ A Quantitative Study of Chromatic Adaptation. v + 119 p., O. 1928.
- AMES, MARION A. An Electrochemical Comparison of Certain Cyclic Nuclei. 34 p., O. Mack Printing Company, Easton, Pennsylvania. 1927.
- BARTLETT, HELEN. The Metrical Division of the Paris Psalter. 49+[1] p., O. Baltimore, The Friedenwald Company. 1896.
- BILLS, MARION ALMIRA. The Lag of Visual Sensation in its Relation to Wave-Lengths and Intensity of Light. 101 p., O.
Reprint from *Psychological Monographs* No. 127, Psychological Review Co., Princeton, N. J. December, 1920.
- BLISS,‡ ELEANORA F., AND JONAS, ANNA I. Relation of the Wissahickon Mica-Gneiss to the Shenandoah Limestone and to the Octoraro Mica-Schist of the Doe Run-Avondale District, Coatesville, Quadrangle, Pennsylvania. 64 p., O. February, 1914.
- BORING, ALICE MIDDLETON. A Study of the Spermatogenesis of Twenty-two Species of the Membracidae, Jassidae, Cercopidae and Fulgoridae. p. 470-512, O. 9 pl. Baltimore. 1907.
Reprint from *Journal of Experimental Zoology*, vol. 4, No. 4.
- BOURLAND, CAROLINE BROWN. Boccaccio and the Decameron in Castilian and Catalan Literature. 233 p., O. 5 pl. New York, Paris, Macon, Protat Frères. 1905.
Reprint from *Revue Hispanique*, t. xii.
- BOWERMAN, HELEN COX. Roman Sacrificial Altars. An Archæological Study of Monuments in Rome. 101 p., O. 11 pl. Lancaster, Pennsylvania. The New Era Printing Co. 1913.
- BREED, MARY BIDWELL. The Polybasic Acids of Mesitylene. 31+[1] p., O. Baltimore, The Friedenwald Company. 1901.
Reprint from *Bryn Mawr College Monographs, Monograph Series*, vol. 1, No. 1.

* Mrs. Leicester Bodine Holland.

§ Mrs. R. H. Carpenter

† Mrs. Edwin Miller Brooks.

‡ Mrs. Adolph Knopf.

- BROWN,* BEATRICE DAW. A study of the Middle English Poem Known as the *Southern Passion*. 110 p., O. Oxford University, John Johnson. 1926.
- BROWN, VERA LEE. Anglo-Spanish Relations in America in the Closing Years of the Colonial Era. p. 325-482, O. Baltimore, Williams and Wilkins Co. 1922.
Reprint from the *Hispanic American Historical Review*, vol. 5, No. 3, August, 1922.
- BRYNE, EVA A. W. *The Maid of Honour*, by Philip Massinger, edited with introduction and notes. xcix + 153 p., O. London, 1927.
- BUCHANAN, MARGARET. Systems of Two Linear Integral Equations with Two Parameters and Symmetrizable Kernels. p. 155-185, O. New York City. 1923.
Reprint from *American Journal of Mathematics*, vol. 45, No. 3. July, 1923.
- BUNTING, MARTHA. The Origin of the Sex Cells in Hydractinia and Podocoryne and the Development of Hydractinia. 34 p., O. Boston, Ginn and Company. 1894.
Revised reprint from *Journal of Morphology*, vol. 9, No. 2.
- BYRNE, ALICE HILL. Titus Pomponius Atticus. Chapters of a Biography. viii, 103 p., O. Bryn Mawr, New Era Press, Lancaster, Pennsylvania. 1920.
- BYRNES, AGNES MARY HADDEN. Industrial Home Work in Pennsylvania. 189 p., O. Harrisburg, Pennsylvania. 1923.
Published under the Department of Labor and Industry, Commonwealth of Pennsylvania, Royal Meeker, Secretary.
- BYRNES, ESTHER FUSSELL. The Maturation and Fertilization of the Egg of *Limax Agrestis* (Linné). p. 201-236+[1], O. Boston, Ginn and Company. The Athenæum Press. 1899.
Reprint from *Journal of Morphology*, vol. 16, No. 1.
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1928-1929

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Reading, Pa. Prepared by the High School, Reading, and by the Misses Kirk's School, Bryn Mawr.
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Reading, Pa. Prepared by the High School, Reading.
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Timonium, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
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Fulton, Mo. Prepared by the Synodical Academy, Fulton. James E. Rhoads Sophomore Scholar, 1927-28. Thomas H. Powers Memorial Scholar, 1928-29.
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Utsunomiya, Japan. Prepared by the Tsuda College, Tokio, Japan, and by the Misses Kirk's School, Bryn Mawr. Japanese Scholar, 1926-29.
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Harrisville, R. I. Prepared by the Wheeler School, Providence, R. I.
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Sochow, China. Prepared by the Shanghai Baptist College, China, and by Randolph-Macon Women's College, Va. Chinese Scholar, 1926-29.
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Major, Economics and Politics, 1925-29.
Bryn Mawr, Pa. Prepared by Berkeley Institute, Brooklyn, N. Y., and by the Phebe Anna Thorne School, Bryn Mawr.
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New York City. Prepared by St. Faith's School, New York City, and by the Misses Kirk's School, Bryn Mawr. Special Sophomore Scholar, 1927-28. Special Scholar, 1928-29.
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Major, History of Art, 1925-27; *Sem. II*, 1927-28; 1928-29.
Clayton, Mo. Prepared by Mary Institute, St. Louis, Mo.
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New York City. Prepared by the Ethical Culture School, New York City. Elizabeth S. Shippen Scholar in Science, 1928-29.
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New York City. Prepared by the Wheeler School, Providence, R. I., and by the Misses Kirk's School, Bryn Mawr.
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St. Louis, Mo. Prepared by Miss Eoff's School, St. Louis, and by Mary Institute, St. Louis. Junior year in France.

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Hayes, Kent, England. Alumnae Regional Scholar, 1925-29, and Abby Slade Brayton
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Major, French, 1924-27; *Sem. I*, 1927-28; *Sem. II*, 1928-29.
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Cheltenham, Pa. Prepared by the Westtown School, Westtown, Pa. Mary Anna Long-
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Torrington, Conn. Prepared by the High School, Torrington, and by the Walnut Hill
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New York City. Prepared by Miss Chandor's School, New York City. Alumnae Regional
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Staten Island, N. Y. Prepared by the Curtis High School, New York, and Dongan Hall,
Staten Island.
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Princeton, N. J. Prepared by Miss Fine's School, Princeton, N. J. Alumnae Regional
Scholar, 1928-29.

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St. Louis, Mo. Prepared by the Mary Institute, St. Louis.
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New York City. Prepared by the Brearley School, New York City.
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Philadelphia. Prepared by the Girls' High School, Philadelphia. Trustees' Scholar, 1927-29.
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Niagara Falls, N. Y. Prepared by the Misses Kirk's School, Bryn Mawr.
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Princeton, N. J. Prepared by the Baldwin School, Bryn Mawr, Pa.
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Towson, Md. Prepared by the Roland Park Country Day School, Baltimore, Md. Matriculation Scholar for Pennsylvania and the Southern States, 1927-28.
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Washington, D. C. Prepared by the Dunbar High School, Washington, and by Howard University. Maria Hopper Sophomore Scholar, 1928-29.
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Merion, Pa. Prepared by the Lower Merion High School and by private tuition. Lower Merion High School Scholar, 1925-29.
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Reading, Pa. Prepared by the High School, Reading, and by private tuition.
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Suffolk, Va. Prepared by Miss Madeira's School, Washington, D. C.
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Haverford, Pa. Prepared by the Agnes Irwin School, Philadelphia.
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Wilmington, Del. Prepared by the Ethel Walker School, Simsbury, Conn.
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Fitchburg, Mass. Prepared by the High School, Groton, Mass., and by the High School, Fitchburg. Alumnae Regional Scholar, 1926-29. Maria Hopper Sophomore Scholar, 1927-28, Mary E. Stevens Junior Scholar, 1928-29.

- CROSS, ROSAMOND.....*Major, History*, 1925-29.
Fitchburg, Mass. Prepared by the High School, Groton, Mass., and by the High School,
Fitchburg. Alumnae Regional Scholar, 1925-29, Mary E. Stevens Junior Scholar,
1927-28.
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Elkridge, Md. Prepared by the Bryn Mawr School, Baltimore, Md. Bryn Mawr School
Scholar, 1928-29.
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1926-29.
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Washington, D. C. Prepared by private tuition and by The Misses Kirk's School, Bryn
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Roslindale, Mass. Prepared by the Girls Latin School, Boston, Mass. Bryn Mawr Matric-
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and Anna Hallowell Memorial Scholar, 1927-28.
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Philadelphia. Prepared by the Germantown Friends' School, Germantown, Philadelphia.
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Overbrook, Pa. Prepared by the Shipley School, Bryn Mawr.
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Miami, Fla. Prepared by the Shipley School, Bryn Mawr.
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Havana, Cuba. Prepared by St. Mary's School, Raleigh, N. C., and by the Harcum
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Fall River, Mass. Prepared by the Durfee High School, Fall River, and by the Ethel
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Louisville, Ky. Prepared by the Louisville Collegiate School, Louisville, and by the
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St. Louis, Mo. Prepared by Mary Institute, St. Louis.
- DYER, ETHEL CHOUTEAU.....*Major, English*, 1927-29.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.

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Oklahoma City, Okla. Prepared by the Shipley School, Bryn Mawr.
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Stirling, Morris Co., N. J. Prepared by Kent Place School, Summit, N. J. Matriculation
Scholar for New York, New Jersey and Delaware, 1928-29.
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Mount Joy, Pa. Prepared by the Mount Joy High School and the Misses Kirk's School,
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Buffalo, N. Y. Prepared by the Buffalo Seminary, Buffalo.
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Princeton, N. J. Prepared by Miss Fine's School, Princeton, and by the Baldwin School,
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Niagara Falls, N. Y. Prepared by Concord Academy, Concord, Mass.
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Baltimore, Md. Prepared by the Columbus School for Girls, Columbus, Ohio, and by the
Bryn Mawr School, Baltimore. Mallory Whiting Webster Alumnae Regional Scholar,
1925-26. Anna M. Powers Memorial Scholar, 1928-29.
- FRENAYE, FRANCES.....*Major, Latin*, 1926-29.
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Boston, Mass. Prepared by the Winsor School, Boston, and Miss Ferris' School, Paris,
France.

- FRY, FRANCES ELIZABETH.....*Major, History*, 1925-29.
Burnham, Pa. Prepared by Highland Hall, Hollidaysburg, Pa., by the Agnes Irwin School, Philadelphia, and by private tuition. Bryn Mawr Matriculation Scholar for Pennsylvania and the Southern States, 1925-26, and Constance Lewis Memorial Scholar, 1927-29, Elizabeth Duane Gillespie Scholar in American History, 1928-29.
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Brookline, Mass. Prepared by the Roland Park Country Day School, Baltimore, and by the Shipley School, Bryn Mawr.
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Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
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St. Louis, Mo. Prepared by the John Burroughs School, St. Louis.
- GENDELL, LAURA VALERIA.....*Major, Economics and Politics*, 1925-29.
New York City. Prepared by the High School, Pottstown, Pa., and by the Misses Kirk's School, Bryn Mawr, Pa.
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Richmond, Va. Prepared by the Collegiate School for Girls, Richmond.
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Ardmore, Pa. Prepared by the High School for Girls, West Philadelphia, by the Lower Merion High School, and by Miss Wright's School, Bryn Mawr.
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Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
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Milwaukee, Wis. Prepared by Milwaukee-Downer Seminary, Milwaukee, Wis.
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Washington, D. C. Prepared by the Maret French School, Washington, and by Miss Madeira's School, Washington. Alumnae Regional Scholar, 1925-26, Maria Hopper Sophomore Scholar and Book Shop Scholar, 1926-27, Thomas H. Powers Memorial Scholar, 1927-28.
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Baltimore, Md. Prepared by the Shipley School, Bryn Mawr.
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Butte, Mont. Prepared by the High School, Butte, and the Misses Kirk's School, Bryn Mawr.
- GRACE, MARY RANDOLPH.....*Major, Greek*, 1925-29.
New York City. Prepared by the Brearley School, New York City. Bryn Mawr Matriculation Scholar for New York, New Jersey, and Delaware, 1925-26.
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Greenville, S. C. Prepared by Miss Madeira's School, Washington, D. C.
- GRANT, EDITH.....*Major, History of Art*, 1926-29.
Washington, D. C. Prepared by Miss Burke's School, San Francisco, Calif., and by Miss Madeira's School, Washington.
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Cambridge, Mass. Prepared by the Buckingham School, Cambridge, Mass.

- GUTMANN, ELIZABETH.....1928-29.
Norwalk, Conn. Prepared by the Thomas School, Rowayton, Conn.
- HALEY, FRANCES BURKE.....*Major, English*, 1925-29.
Joplin, Mo. Prepared by the Wolcott School, Denver, Colo., by the Academy of Our Lady of Mercy, Joplin, and by the Phebe Anna Thorne School, Bryn Mawr.
- HALL, ELIZABETH M.....1928-29.
Clayton, N. J. Prepared by Linden Hall, Pa., and the Harcum School, Bryn Mawr.
- HAMMAN, MARY SHARRETTS.....1927-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
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Cincinnati, Ohio. Prepared by Miss Doherty's School, Cincinnati.
- HAND, CONSTANCE.....*Major, Greek*, 1926-29.
New York City. Prepared by the Brearley School, New York City. Matriculation Scholar for New York, New Jersey and Delaware, 1926-27.
- HAND, FRANCES LYDIA.....*Major, History*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- HANNAH, ELIZABETH LUCIEMAY.....1928-29.
Norristown, Pa. Prepared by Friends' Select School, Philadelphia. Frances Marion Simpson Scholar, 1928-29.
- HANNAY, AGNES KATHERINE.....*Major, Mathematics*, 1926-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington. Mary Anna Longstreth Memorial Scholar, 1928-29.
- HANSEN, MAYSIE CATLIN.....1928-29.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- HARDENBERGH, ALICE LEE.....1928-29.
Kansas City, Mo. Prepared by Sunset Hill School, Kansas City, Mo.
- HARDIN, SUSAN POLK.....1928-29.
Germantown, Philadelphia. Prepared by the Germantown High School, Philadelphia.
- HARMAN, EUGENIA SHERROD.....1928-29.
Washington, D. C. Prepared by Mary Baldwin Seminary, Staunton, Virginia.
- HARRIS, JULIA WHEELER.....*Major, Politics*, 1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- HATFIELD, ELINOR ROSE.....1928-29.
Danville, Illinois. Prepared by the Faulkner School, Chicago, Illinois.
- HEMMINGER, VIOLET MARIE.....1928-29.
Somerset, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- HENRY, CLOVER EUGENIA.....*Major, History*, 1925-29.
Scarborough, N. Y. Prepared by the Scarborough School, Scarborough.
- HERB, EDITH VIRGINIA.....*Major, French*, 1926-29.
Louisville, Ky. Prepared by the Louisville Collegiate School, Louisville.
- HINES, MARGARET ELIZABETH.....*Major, English*, 1926-29.
Goldsboro, N. C. Prepared by the King-Smith Studio School, Washington, D. C., and by The Misses Kirk's School, Bryn Mawr.
- HIRSCHBERG, KATE.....*Major, Chemistry*, 1926-29.
Glencoe, Ill. Prepared by the New Trier Township High School, New Trier, Ill., and by the University School for Girls, Chicago, Ill.
- HOBART, VIRGINIA.....1927-29.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka, and by the Ethel Walker School, Simsbury, Conn.
- HOBSON, ANNIE LEIGH.....*Major, English*, 1926-29.
Richmond, Va. Prepared by the St. Catherine School, Richmond. Maria Hopper Sophomore Scholar, 1927-28.
- HOLDEN, GRACE.....1928-29.
New York City. Prepared by the Misses Kirk's School, Bryn Mawr.

- HOLLANDER, ROSAMOND HUTZLER.....1927-28, *Sem. I*, 1928-29.
Baltimore, Md. Prepared by the Friends' School, Baltimore, and by the Misses Kirk's School, Bryn Mawr.
- HOLMES, MARY BLAIR.....1928-29.
Pittsburgh, Pa. Prepared by the Masters School, Dobbs Ferry, N. Y.
- HORTON, ELLA CAMPBELL.....*Major, History*, 1925-29.
Houston, Texas. Prepared by the South End Junior High School, Houston, and by the Shipley School, Bryn Mawr.
- HOUCK, MARY ELIZABETH.....*Major, History of Art*, 1926-29.
Bridgeport, Conn. Prepared by Miss Hall's School, Pittsfield, Mass., and by private tuition.
- HOWE, CATHERINE.....*Major, Economics and Politics*, 1926-29.
Fulton, N. Y. Prepared by the Shipley School, Bryn Mawr.
- HOWELL, AGNES ARMSTRONG.....*Major, History of Art*, 1926-29.
Long Island, N. Y. Prepared by Miss Chapin's School, New York City.
- HOWLAND, LOUISE.....*Major, French*, 1927-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HOWSON, ELIZABETH.....1927-28, *Sem. I*, 1928-29.
Wayne, Pa. Prepared by the Baldwin School, Bryn Mawr.
- HUBBARD, ANNE LOUISE,
Major, French, 1925-26, 1926-27, *Sem. I*, 1927-28; 1928-29.
New York City. Prepared by Miss Ranney's School, Pasadena, Calif., by Mr. Harvey's School, Paris, France, by Miss Spence's School, New York City, by the Ethel Walker School, Simsbury, Conn., and by private tuition.
- HUGER, PAULINE.....1928-29.
Sumter, S. C. Prepared by the Bryn Mawr School, Baltimore, Md.
- HUGHES, MARIAN STEELMAN.....1928-29.
Philadelphia. Prepared by Garrison Forest School, Maryland, and Dongan Hall, Staten Island, N. Y.
- HULSE, MARY PRESTON.....*Major, Economics and Politics*, 1926-29.
New Haven, Conn. Prepared by the High School, New Haven. Pennsylvania Society of New England Women Scholar, 1928-29.
- HUMPHREY, MARTHA ROSALIE.....*Major, History*, 1925-29.
New York City. Prepared by Miss Marshall's Classes and by Miss Chapin's School, New York City.
- HUMPHREYS, BARBARA.....*Major, History*, 1925-29.
Mt. Kisco, N. Y. Prepared by the Rippowan School, Bedford, N. Y., and by the Shipley School, Bryn Mawr.
- HUMPHREYS, BLANCHE BARLOW.....1927-29.
New York City. Prepared by the Bearley School, New York City.
- HUNTER, LAURA NORTH.....1928-29.
Philadelphia. Prepared by the Phebe Anna Thorne School, Bryn Mawr.
- HYMAN, MIRIAM FRANCES.....1927-29.
Huntington, W. Va. Prepared by the High School, Huntington, and Ohio State University.
- JENKINS, CLARA DOROTHEA.....1927-29.
Pittsburgh, Pa. Prepared by Miss Shearer's School, Pittsburgh, and by Dongan Hall, Staten Island, N. Y.
- JENKINS, MARIANNA DUNCAN.....1927-29.
Cincinnati, Ohio. Prepared by Hughes High School, Cincinnati, and by the Woman's College, Constantinople.
- JOHNSON, MARY JOY.....1927-29.
Salt Lake City, Utah. Prepared by Rowland Hall, Salt Lake City, and by the Shipley School, Bryn Mawr.
- JOHNSTON, MARY ELIZABETH.....*Major, French*, 1926-28; *Sem. II*, 1928-29.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn.
- JONES, CONSTANCE ANDREWS.....*Major, German*, 1926-29.
Wynnewood, Pa. Prepared by the Agnes Irwin School, Philadelphia.

- KEASBEY, JULIA NEWBOLD.....*Major, Philosophy*, 1926-29.
Morristown, N. J. Prepared by the Peck School, Morristown, and by the St. John Baptist School, Ralston, N. J.
- KENNEDY, ANN-MARIE.....1927-29.
Omaha, Nebr. Prepared by the Emma Willard School, Troy, N. Y.
- KING, * MARY ANDERSON.....*Hearer by Courtesy*, 1928-29.
Bryn Mawr.
- KIRK, BARBARA.....1927-29.
Merion Station, Pa. Prepared by the Baldwin School, Bryn Mawr.
- KITCHEN, RUTH.....*Major, Mathematics*, 1925-29.
Philadelphia. Prepared by the Stevens School, Germantown, and by the Germantown Friends' School, Germantown, Philadelphia.
- KNAPP, ELIZABETH.....1928-29.
Camden, S. C. Prepared by Miss Madeira's School, Washington, D. C.
- KNOFF, AGNES.....1928-29.
New Haven, Conn. Prepared by the High School, New Haven, and Rosemary Hall, Greenwich, Conn. Special Alumnae Regional Scholar, 1928-29.
- KNOX, SYLVIA DOUGHTY.....*Major, Psychology*, 1926-29.
New Canaan, Conn. Prepared by Packer Collegiate Institute, New York City.
- KRANZ, ALICE.....1928-29.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- KREUTZBERG, ROBIN.....1927-29.
Bethlehem, Pa. Prepared by Mr. Allen Bell's School, Lake Forest, Ill., the Lycee Victor Drury, Versailles, France, the Dodson Day School, Bethlehem, and the Misses Kirk's School, Bryn Mawr.
- LAKE, AGNES KIRSOPP.....*Major, Latin*, 1926-29.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge, and by St. Paul's School for Girls, London, England. Anna Hallowell Memorial Scholar, 1928-29.
- LAMBERT, MARY ROBINSON.....*Major, History*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- LATANÉ, ELINOR.....*Major, History*, 1926-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1926-27. George Bates Hopkins Memorial Scholar in Music, 1927-29.
- LAWRENCE, RUTH EARLE.....*Major, History*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City, and by the Brearley School, New York City.
- LEARNED, ANNABEL FRAMPTON.....*Major, English*, 1925-29.
New York City. Prepared by the Horace Mann High School for Girls, New York City.
- LEE, FRANCES McDANNOLD.....*Major, Economics and Politics*, 1926-29.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- LEVY, RUTH.....1928-29.
Philadelphia. Prepared by the Philadelphia High School for Girls and Goucher College.
- LINN, ELIZABETH HOWLAND.....*Major, History*, 1925-27; *Sem. II*, 1927-28; 1928-29.
Chicago, Ill. Prepared by the University High School, Chicago; University of Chicago, 1924-25. Alumnae Regional Scholar, 1925-27, and Book Shop Scholar, 1926-27.
- LITTLEHALE, LOUISE ELLIOTT.....*Major, French*, 1926-28.
Boston, Mass. Prepared by the Winsor School, Boston. Junior Year in France.
- LIVERMORE, ELIZABETH STIMSON.....1928-29.
Boston, Mass. Prepared by the Winsor School, Boston.
- LOMBARDI, CAROLYN ENNIS.....1928-29.
Berkeley, California. Prepared by Miss Ransom and Miss Bridge's School, Piedmont, California.

* Mrs. Samuel Arthur King.

- LONGSTRETH, SARAH.....*Major, English*, 1926-29.
Philadelphia. Prepared by the Friends' Select School, Philadelphia.
- LOOMIS, VIRGINIA LANGDON.....*Major, English*, 1926-29.
New York City. Prepared by the Brearley School, New York City.
- LORD, ANNE KIRKHAM.....1927-29.
New York City. Prepared by the Brearley School, New York City.
- LOW, EMILY JANE.....*Major, English*, 1927-29.
Kansas City, Mo. Prepared by the Sunset Hill School and the Barstow School, Kansas City.
- LOWE, MARGARET COGGESHALL.....1927-29.
Stamford, Conn. Prepared by the High School, Miami, Fla., the High School, Mamaronneck, N. Y., and the Harcum School, Bryn Mawr.
- MACATEE, GERTRUDE PAXTON.....1927-29.
Washington, D. C. Prepared by Central High School, Washington, and by Miss Madeira's School, Washington.
- MACCOUN, MARY.....1928-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MARKLEY, SYLVIA MOSS.....*Major, French*, 1927-29.
Sunbury, Pa. Prepared by the High School, Sunbury, and the Birmingham School, Birmingham, Pa.
- MARTIN, MARGARET HAMILTON. *Major, Economics and Politics*, 1926-29.
San Francisco, Calif. Prepared by the Katherine Branson School, Ross, Calif.
- MCCAW, FLEWELLYN PLANT.....1928-29.
New York City. Prepared by the Barrington School, Great Barrington, Mass., and Miss Chapin's School, New York City.
- MCCLATCHY, DOROTHY MARIE.....1928-29.
Philadelphia. Prepared by the Misses Kirk's School, Bryn Mawr.
- MCCLELLAND, KATHERINE.....1928-29.
Oklahoma City, Okla. Prepared by Miss Madeira's School, Washington, D. C.
- MCCLURE, MARJORIE LOUISE.....1928-29.
Fairlawn, Ohio. Prepared by the Shipley School, Bryn Mawr.
- MCCULLY, WINIFRED HARTWELL.....1928-29.
Orange, N. J. Prepared by Miss Beard's School, Orange, N. J.
- MCDERMOTT, MARY MARIOORA.....*Major, Italian*, 1925-29.
New Haven, Conn. Prepared by the Gateway, New Haven, and by Rosemary Hall, Greenwich, Conn.
- McFADDEN, EMILIE BARCLAY.....*Sem. I*, 1928-29.
Villa Nova, Pa. Prepared by the Shipley School, Bryn Mawr.
- MCKELVY, MARGARET LEE.....1927-29.
New York City. Prepared by St. Timothy's School, Cantonsville, Md.
- MCKINNEY, ELIZABETH.....*Major, French*, 1927-29.
Wickliffe, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- McVITTY, RUTH DWIGHT.....*Major, History*, 1925-29.
Bryn Mawr, Pa. Prepared by the Phebe Anna Thorne School, Bryn Mawr, and by the Ethel Walker School, Simsbury, Conn.
- MEAD, DOROTHY SUSAN.....1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- MEEHAN, MABEL FRANCES.....*Sem. I*, 1928-29.
Gwynedd Valley, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1928-29.
- MERCER, ALICE KATHARINE.....*Major, Psychology*, 1925-29.
New York City. Prepared by the Community School, New Haven, Conn., by Ely Court, Greenwich, Conn., and by Dana Hall, Wellesley, Mass.
- MERRILL, ADELE KATTE.....*Major, History of Art*, 1926-29.
New York City. Prepared by the Brearley School, New York City.

- MEYER, FLORENCE.....1928-29.
New York City. Prepared by Miss Madeira's School, Washington, D. C.
- MILLER, NANCY LEE.....*Major, Economics and Politics*, 1927-29.
Chicago, Ill. Prepared by the Faulkner School, Chicago.
- MILLIKEN, RUTH KNOWLES.....1928-29.
North Dighton, Mass. Prepared by St. Genevieve-of-the-Pines, S. C., and by House in the Pines, Norton, Mass.
- MITCHELL, KATE LOUISE.....1928-29.
Buffalo, N. Y. Prepared by the Westover School, Middlebury, Conn.
- MONGAN, ELIZABETH MARY.....1927-29.
Somerville, Mass. Prepared by the Cambridge-Haskell School, Cambridge, Mass.
- MOORE, ALWINE JANE.....*Major, History*, 1927-29.
Englewood, N. J. Prepared by the Dwight School, Englewood, and the Baldwin School, Bryn Mawr.
- MOORE, HARRIET LUCY.....1928-29.
Hubbard Woods, Illinois. Prepared by the North Shore Country Day School, Winnetka, Illinois.
- MORAN, ECCLESTON.....*Major, Philosophy*, 1925-29.
San Francisco, Calif. Prepared by Miss Burke's School, San Francisco, and by special courses, Lowell High School, San Francisco.
- MORE, CATHERINE ELMER.....1928-29.
Cincinnati, Ohio. Prepared by the Ethel Walker School, Simsbury, Conn.
- MORRISON, ROSEMARY,
.....*Major, History*, 1926-27; *Sem. II*, 1927-28; 1928-29
Chicago, Ill. Prepared by Miss Harris' School, Chicago, and by the Parker School, Chicago.
- MUELLER, GRETCHEN BRIGHT.....1928-29.
Chicago, Illinois. Prepared by the High School, Jenkintown, Pa.
- NEWBOLD, VIRGINIA...*Major, History of Art*, 1923-25, 1926-27, 1928-29.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- NICHOLS, ADELE LOWBER.....1928-29.
Philadelphia. Prepared by the Philadelphia High School for Girls and the Misses Kirk's School, Bryn Mawr.
- NICHOLSON, ANNE LEA.....*Major, Physics*, 1926-29.
Moorestown, N. J. Prepared by the Westtown School, Westtown, Pa., and by the Friends' Select School, Philadelphia.
- NOBLE, SUSAN VILETTE.....1928-29.
Fort Jay, N. Y. Prepared by the National Cathedral School, Washington, D. C. Alumnae Regional Scholar, 1928-29.
- NUCKOLS, MARGARET OULD.....1927-29.
Albany, N. Y. Prepared by Saint Agnes School, Albany. Alumnae Regional Scholar, 1927-29.
- OAKFORD, MARY.....1927-29.
Haverford, Pa. Prepared by the Baldwin School, Bryn Mawr.
- OPPENHEIMER, JANE MARION.....1928-29.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence, R. I.
- OVERTON, BETTY THOMSON.....*Major, English*, 1927-29.
New York City. Prepared by Miss Chandor's School, New York City. Anna Powers Memorial Scholar, 1928-29.
- PACKARD, ELIZABETH CAZENOVE GARDNER,
.....*Major, History of Art*, 1925-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Alumnae Regional Scholar and Mallory Whiting Webster Scholar, 1926-28. Bertha Norris Bowen Memorial Scholar, 1928-29.
- PAGE, CELESTE WALKER.....1926-28; *Sem. II*, 1928-29.
Washington, D. C. Prepared by the National Cathedral School, Washington.

- PAGE, DOROTHY DAWSON.....1928-29.
New York City. Prepared by the Brearley School, New York City.
- PALMER, MARCELLA.....*Major, Philosophy*, 1925-26, 1927-29.
Washington, D. C. Prepared by the High School, Mt. Holly, N. J., and by Miss Madeira's School, Washington.
- PARK, MARION.....*Major, Philosophy*, 1925-29.
Boston, Mass. Prepared by Miss Lee's School, Boston, and by the May School, Boston.
- PARK, MARJORIE LINCOLN.....*Major, History*, 1926-29.
New York City. Prepared by the Brearley School, New York City.
- PARKHURST, ANNA GLIDDEN.....*Major, French*, 1926-29.
Bethesda, Md. Prepared by Miss Madeira's School, Washington, D. C.
- PARKS, JEAN DARLING.....*Major, French*, 1926-29.
Danbury, Conn. Prepared by the High School, Danbury, and by Rosemary Hall, Greenwich, Conn.
- PATTERSON, MARGARET NEWMAN,
Major, French, 1925-26; 1926-27, *Sem. II*; 1927-28, 1928-29.
Richmond, Va. Prepared by the Collegiate School for Girls, Richmond, and by St. Catherine's School, Richmond.
- PAXSON, EMMA FELL.....1928-29.
Madison, Wis. Prepared by the Wisconsin High School, Madison, and the University of Wisconsin.
- PECKHAM, CONTENT RATHBONE.....*Major, Mathematics*, 1926-29.
New Rochelle, N. Y. Prepared by the Montemare School, New York City, and by the Misses Kirk's School, Bryn Mawr.
- PERKINS, DOROTHEA ECKFELDT.....1928-29.
New York City. Prepared by the Dalton High School, New York City, and Miss Fine's School, Princeton, N. J. Alumnae Regional Scholar, 1928-29.
- PERKINS, ELIZABETH.....*Major, History of Art*, 1925-27; 1928-29.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge.
- PETER, MARGARET.....1928-29.
Bryn Mawr, Pa. Prepared by the Baldwin School, Bryn Mawr.
- PETERS, MARY AUGUSTA.....*Major, Chemistry*, 1926-29.
New Cumberland, Pa. Prepared by the Seiler School, Harrisburg, Pa. Frances Marion Simpson Scholar, 1926-29.
- PINKERTON, ELEANOR COULSON.....1928-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- PITTS, HELEN DORSEY.....1927-29.
Milton, Mass. Prepared by Miss Wright's School, Bryn Mawr.
- PIZOR, DOROTHY.....1927-29.
Philadelphia. Prepared by the Girls' High School, West Philadelphia.
- PLEASANTS, ELIZABETH.....1928-29.
Baltimore, Md. Prepared by St. Timothy's School, Catonsville, Md.
- POE, ELLA KING.....*Major, History*, 1925-29.
Cedar Rapids, Ia. Prepared by the High School, Cedar Rapids, and by St. Timothy's School, Catonsville, Md.
- PURCELL, CHARLOTTE MERCER.....*Major, History*, 1925-29.
Richmond, Va. Prepared by St. Catherine's School, Richmond.
- PUTNAM, PATRICIA.....1928-29.
Jamaica Plain, Mass. Prepared by the Lee School, Boston, Mass.
- QUIMBY, GRACE.....*Major, Latin*, 1925-29.
Philadelphia. Prepared by the Friends' Central School, Philadelphia.
- RALSTON, CONSTANCE.....1928-29.
Washington, D. C. Prepared by Kew Forest School, Long Island, New York.
- RASCH, MARY KATHERINE.....1928-29.
Narberth, Pa. Prepared by Friends' Central School, Philadelphia, and the Baldwin School, Bryn Mawr.

- RAWSON, PRISCILLA.....1928-29.
Long Island, N. Y. Prepared by the Brearley School, New York City.
- RAYMOND, IDA LOUISE.....*Major, English*. 1927-29.
Springfield, Mass. Prepared by the Western High School, Washington, D. C., Rogers High School, Newport, R. I., Girls' High School, San Francisco, Calif., and the University of California.
- REA, CATHERINE LAWRENCE.....*Major, Spanish*. 1925-29.
Ardmore, Pa. Prepared by the Girls' Latin School, Boston, Mass., by the West Philadelphia High School for Girls, Philadelphia, by the Harcum School, Bryn Mawr, and by private tuition.
- REA, MARGUERITE BAILEY.....1927-29.
York, Pa. Prepared by the Collegiate Institute, York, and by the Baldwin School, Bryn Mawr.
- REINHARDT, MARGARET.....1928-29.
Wilmington, Del. Prepared by the Misses Hebb's School, Wilmington, and the Kent Place School, Summit, N. J.
- RENNER, ELEANOR GERTRUDE GEORGE.....1928-29.
Brookline, Mass. Prepared by the Girls' Latin School, Boston.
- RICE, ERNA SARA.....*Major, French*, 1926-28, *Sem. II*, 1928-29.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis.
- RICHARDS, IMOGENE REPPLIER.....*Major, French*, 1926-29.
New York City. Prepared by the Brearley School, New York City. *Alumnæ Regional Scholar*, 1926-29, *Maria Hopper Sophomore Scholar*, 1927-28.
- RICHARDSON, KATHLEEN MOORE.....*Major, Economics and Politics*, 1926-29.
South Orange, N. J. Prepared by the Columbia High School, South Orange.
- RICHARDSON, LAURA MORSE.....*Major, French*, 1925-26, 1927-29.
Omaha, Nebr. Prepared by St. Timothy's School, Catonsville, Md.
- RIDER, ALICE WHITCOMB.....1928-29.
Jamaica Plain, Mass. Prepared by the Girls' Latin School, Boston. *Matriculation Scholar for the New England States and Alumnæ Regional Scholar*, 1928-29.
- RIELY, MARY DARRALL.....*Major, German*, 1926-29.
Oklahoma City, Okla. Prepared by the Shipley School, Bryn Mawr.
- RIESER, CATHERINE LESHER.....1927-29.
Reading, Pa. Prepared by the Shipley School, Bryn Mawr.
- ROBINSON, FRANCES HASWELL.....1927-29.
East Orange, N. J. Prepared by the Dearborn-Morgan School, Orange, and by Kent Place School, Summit, N. J.
- ROPES, HARRIET.....*Major, History*, 1926-29.
Cambridge, Mass. Prepared by the Winsor School, Boston, Mass.
- RUTLEDGE, ELLA MIDDLETON.....1928-29.
Charleston, S. C. Prepared by Dongan Hall, Staten Island, N. Y.
- SALANT, MARIE JOSEPHINE.....*Major, Economics and Politics*, 1926-29.
New York City. Prepared by the Ethical Culture School, New York City.
- SANBORN, LUCY COBURN.....*Sem. I*, 1927-28; 1928-29.
Andover, Mass. Prepared by Abbott Academy, Andover. *Matriculation Scholar for the New England States*, 1927-28. *Alumnæ Regional Scholar*, 1928-29.
- SAPER, ENID CONSTANCE.....1928-29.
Brooklyn, N. Y. Prepared by the Friends' School, Brooklyn.
- SAVACOO, MARY WILMA.....1928-29.
Jamaica, N. Y. Prepared by the Cathedral School of St. Mary, Garden City, N. Y.
- SCHOTTLAND, ELEANOR.....*Major, Philosophy*, 1924-26, 1927-29.
East Orange, N. J. Prepared by St. Margaret's School, Waterbury, Conn.
- SCOTT, MARGARET BRIDE.....1927-29.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and the Agnes Irwin School, Philadelphia. *Trustees' Scholar*, 1927-29.

- SCOTT, SYLVIA.....1927-29.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia, and the Knox School, Cooperstown, N. Y.
- SEARS, LORINE CARPENTER...*Major, English*, 1926-28; *Sem. I*, 1928-29.
Chillicothe, Ohio. Prepared by the High School, Chillicothe, and by Howard Seminary, West Bridgewater, Mass. Abby Slade Brayton Durfee Scholar and Sheelah Kilroy Memorial Scholar in English, 1928-29.
- SELIGMAN, HAZEL.....*Major, Economics and Politics*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City.
- SHALLCROSS, ANTOINETTE BREWER.....*Major, Latin*, 1925-29.
Moorestown, N. J. Prepared by the Goodyear-Burlingame School, Syracuse, N. Y., by the Easton High School, Detroit, Mich., and by Highland Hall, Holidaysburg, Pa.
- SHAUGHNESSY, MARGARET.....*Major, Chemistry*, 1927-29.
Framingham, Mass. Prepared by the High School, Framingham, and by Dana Hall, Wellesley, Mass.
- SHAW, ELLEN HAND.....1928-29.
Merion, Pa. Prepared by the Lower Merion High School. Lower Merion High School Scholar, 1928-29.
- SHEBLE, STEPHANIE ENGEL.....*Major, English*, 1926-29.
Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- SHERLEY, MIGNON.....*Major, History*, 1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington, D. C.
- SHERMAN, GERALDINE.....1926-28; *Sem. I*, 1928-29.
Douglas, Ariz. Prepared by St. Nicholas' School, Seattle, Wash.
- SHIPLEY, BEATRICE.....*Major, History*, 1925-29.
Germantown, Philadelphia. Prepared by the Friends School, Germantown, Philadelphia.
- SHRYOCK, VIRGINIA FLORENCE.....1927-29.
Germantown, Philadelphia. Prepared by the Germantown Friends School, Philadelphia.
- SHUTTLEWORTH, LUCILLE.....1928-29.
Richmond Hill, N. Y. Prepared by the Cathedral School of St. Mary, Garden City, N. Y.
- SICKLES, JANE ELIZABETH.....1928-29.
Cincinnati, Ohio. Prepared by the Hughes High School, Cincinnati.
- SIMERAL, ANNA HARRIET,
Sem. I, 1926-27; *Sem. I*, 1927-28; *Sem. I*, 1928-29.
Steubenville, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- SIMMS, PHYLIS JACQUELINE.....1928-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington, D. C.
- SIXT, KATHERINE LENA.....*Major, French*, 1927-29.
East Cleveland, Ohio. Prepared by the Shaw High School, East Cleveland. Alumnae Regional Scholar, 1928-29.
- SKIDMORE, NINA STURGIS.....*Major, Latin*, 1926-29.
New York City. Prepared by Miss Chapin's School, New York City.
- SMITH, MARGARET ELEANOR MASON.....*Major, History*, 1926-29.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
- SMITH, SARAH JENKINS.....1928-29.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore.
- SMITH, VIRGINIA EVERETT.....*Major, French*, 1927-29.
Schenectady, N. Y. Prepared by Miss Hall's School, Pittsfield, Mass.
- SNYDER, HELEN LOUISE.....*Major, Chemistry*, 1927-29.
Brookville, Pa. Prepared by the Baldwin School, Bryn Mawr.
- SPEED, VIRGINIA HERNDON.....1928-29.
Louisville, Ky. Prepared by the Louisville Collegiate School.
- SPEER, CONSTANCE SOPHEA.....*Major, Psychology*, 1925-27; 1928-29.
New York City. Prepared by the Shipley School, Bryn Mawr.

- STEVENSON, HELEN MAXWELL.....*Major, Mathematics*, 1927-29.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and the Agnes Irwin School, Philadelphia. Frances Marion Simpson Scholar, 1927-29.
- STEVENSON, MARTHA VIRGINIA...*Major, Economics and Politics*, 1926-29.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and by the Misses Kirk's School, Bryn Mawr.
- STEWART, PATRICIA HILL.....1928-29.
Norwalk, Ohio. Prepared by the Norwalk High School and the Columbus School for Girls, Columbus, Ohio. Matriculation Scholar for the Western States, 1928-29.
- STIX, ERMA ELIZABETH.....*Major, Economics and Politics*, 1926-29.
St. Louis, Mo. Prepared by the John Burrough's School, St. Louis.
- STOKES, OLIVIA EGLESTON PHELPS.....*Major, History*, 1926-29.
Washington, D. C. Prepared by Foxcroft, Middleburg, Va.
- STONINGTON, ELEANOR MARY.....1928-29.
Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- SULLIVAN, CONSTANCE SEAGER.....*Major, English*, 1926-29.
New York City. Prepared by the Brearley School, New York City.
- SULLIVAN, SYDNEY BUCHANAN.....1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- SUSSMAN, ETHEL PICARD.....*Major, Economics and Politics*, 1927-29.
Philadelphia. Prepared by the High School for Girls, Philadelphia. Charles E. Ellis Scholar, 1927-29.
- SWAN, CARLA.....*Major, Psychology*, 1925-29.
Denver, Colo. Prepared by the Walcott School, Denver, and by the Ethel Walker School, Simsbury, Conn.
- SWENSON, MARGRETA CURTIS.....1928-29.
Washington, D. C. Prepared by the Ethel Walker School, Simsbury, Conn.
- SWIFT, LUCY WESTON.....1928-29.
Stamford, Conn. Prepared by the Misses Kirk's School, Bryn Mawr.
- TAGGART, FLORENCE ELY.....1928-29.
Greenwich, Conn. Prepared by Rosemary Hall, Greenwich, Conn.
- TATNALL, FRANCES SWIFT.....*Major, History*, 1927-29.
Wilmington, Del. Prepared by the Misses Hebb's School, Wilmington. Frances Marion Simpson Scholar, 1927-28. Alumnae Regional Scholar, 1928-29.
- TAYLOR, ALICE ELIZABETH.....1926-27; *Sem. II*, 1927-28.
Denver, Colo. Prepared by the East Denver High School, Denver, and by the Abbott Academy, Andover, Mass. Junior Year in France.
- TAYLOR, HELEN LOUISE.....*Major, Archæology*, 1926-29.
Wareham, Mass. Prepared by the Fontaine School, Paris, France, and by the Shipley School, Bryn Mawr. Matriculation Scholar for Pennsylvania and the Southern States, 1926-27.
- TAYLOR, MARTHA JEFFERSON.....1927-29.
Page, W. Va. Prepared by St. Hilda's Hall, Charles Town, W. Va.
- THALMAN, LOUISA ALICE.....1927-29.
Schenectady, N. Y. Prepared by the Shipley School, Bryn Mawr.
- THOMAS, ELIZABETH UTLEY.....1928-29.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh.
- THOMAS, ESTHER EVANS.....1927-29.
Haverford, Pa. Prepared by Miss Wright's School, Bryn Mawr.
- THOMAS, HESTER ANN.....*Sem. I*, 1928-29.
Highland Park, Illinois. Prepared by the Deerfield-Shields High School, Highland Park. Alumnae Regional Scholar, 1928-29.
- THOMAS, HILDA VALL-SPINOSA.....1927-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.

- THOMPSON, BARBETTE.....*Major, English*, 1926-29.
Portsmouth, Virginia. Prepared by the Woodrow Wilson High School, Portsmouth, and by the Misses Kirk's School, Bryn Mawr.
- THOMPSON, CAROLINE HUSTON.....*Major, Archaeology*, 1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- THRUSH, EDITH BLANCHE.....*Major, Latin*, 1926-29.
Philadelphia. Prepared by the High Schools for Girls, Philadelphia. Philadelphia City Scholar and L. C. B. Saul Scholar, 1926-29.
- THURBER, KATHERINE.....1927-29.
New York City. Prepared by Miss Spence's School, New York City.
- THURSTON, LOIS MATHER.....1927-29.
San Francisco, Calif. Prepared by the Katharine Branson School, Ross, Calif.
- TOTTEN, ELINOR ALICE.....1927-29.
Washington, D. C. Prepared by the Eastman School, Washington, and Miss Madeira's School, Washington. Alumnae Regional Scholar, 1927-29.
- TRENT, MARJORIE LIDDON.....1928-29.
Lansdowne, Pa. Prepared by the Lansdowne High School and Friends' Select School, Philadelphia.
- TURNER, MARION HUMES.....1927-29.
Parkton, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- TURNER, SARA CLARK.....*Major, French*, 1926-29.
Merion, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- TYLER, CHARLOTTE.....1928-29.
Philadelphia. Prepared by the Springside School, Philadelphia. Special Scholar, 1928-29.
- UFFORD, ELIZABETH HAZARD.....*Major, Biology*, 1925-29.
New York City. Prepared by the Germantown Friends' School, Philadelphia.
- UNANGST, MARGARET RUTH.....*Major, Physics*, 1927-29.
Philadelphia. Prepared by the High School for Girls, Philadelphia. Fred Gowing Memorial Scholar, 1927-28. Trustees' Scholar, 1928-29.
- VAN BUREN, JOSEPHINE DAY.....*Major, Economics*, 1925-29.
Englewood, N. J. Prepared by the Dwight School, Englewood.
- WALKER, MARY PINCKNEY.....1928-29.
Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- WALKER, RHODA.....1928-29.
New York City. Prepared by Miss Chapin's School, New York City.
- WAPLES, EVELYN ALSWORTH.....*Major, English*, 1927-29.
Wayne, Pa. Prepared by the Phebe Anna Thorne School and the Baldwin School, Bryn Mawr, and by the University of Chicago High School.
- WARDWELL, CLARISSA.....1926-27, 1928-29.
Long Island, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- WARFIELD, REBECCA EVELYN.....1927-29.
Baltimore, Md. Prepared by the Roland Park Country Day School, Roland Park, Md. Alumnae Regional Scholar, 1927-28.
- WARING, MARGARET WHITALL.....1928-29.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- WATTS, EDITH ROMEYN.....1928-29.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- WEBSTER, MARY GRAHAM.....1927-29.
Cleveland Heights, Ohio. Prepared by the Laurel School, Cleveland, and by the Misses Kirk's School, Bryn Mawr.
- WEDEMAYER, MAIDIE.....1927-29.
South Miami, Fla. Prepared by the High School, Miami, and the Misses Kirk's School, Bryn Mawr.

- WEST, ANNE NELSON.....1928-29.
Wynnewood, Pa. Prepared by the Germantown Friends' School.
- WEYGANDT, ANN MATLACK.....1928-29.
Mt. Airy, Philadelphia. Prepared by the Germantown Friend's School.
- WHELEN, VIOLET.....*Major, History*, 1925-27, 1928-29.
Washington, D. C. Prepared by Holton-Arms, Washington, D. C.
- WICKES, HENRIETTA CATHERINE.....*Major, English*, 1926-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1926-27, and Book Shop Scholar, 1927-28.
- WIEGAND, PHYLLIS DOROTHEA.....*Major, German*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City. Alumnae Regional Scholar, 1926-29.
- WILLIAMS, ANNE CRAIG.....*Major, Philosophy*, 1926-29.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- WILLIAMS, MARGARET.....1928-29.
New York City. Prepared by the Shipley School, Bryn Mawr.
- WILLIAMS, MARY LOW.....*Major, Biology*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- WILLITS, ANN REDMAN.....1928-29.
Haddonfield, N. J. Prepared by the Westtown School, Westtown, Pa. Foundation Scholar, 1928-29.
- WILLS, REBECCA LOUISA.....*Major, History*, 1925-29.
Media, Pa. Prepared by the Friends' School, Haddonfield, N. J., by Westtown Boarding School, Westtown, Pa., and by the Friends' Select School, Philadelphia. Alumnae Regional Scholar, 1925-27, and Foundation Scholar, 1925-29.
- WILSON, ELIZABETH.....*Major, French*, 1926-28.
Washington, D. C. Prepared by the Western High School, Washington. Junior Year in France.
- WINSHIP, KATHERINE MARY.....1927-29.
Macon, Ga. Prepared by the High School, Macon, Ga., and by St. Timothy's School, Catonsville, Md.
- WISE, JANET FLORENCE.....*Major, Mathematics*, 1926-29.
New York City. Prepared by the Ethical Culture School, New York City.
- WOOD, ANNE ELIZABETH.....*Major, Economics and Politics*, 1926-29.
Washington, D. C. Prepared by the Holton-Arms School, Washington. James E. Rhoads Junior Scholar, 1928-29.
- WOODS, JANET MCCLARY.....1928-29.
Iowa City, Iowa. Prepared by the Peking American School, China, and the Misses Kirk's School, Bryn Mawr.
- WOODS, MARGARET SOUTTER.....1928-29.
Iowa City, Iowa. Prepared by the Peking American School, China and the Misses Kirk's School, Bryn Mawr.
- WOODWARD, GERTRUDE HOUSTON.....1928-29.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Philadelphia.
- WOODWARD, NANCY HOOKER.....*Major, Psychology*, 1925-29.
New York City. Prepared by the Memorial High School, Pelham, N. Y., and by Rosemary Hall, Greenwich, Conn.
- WORTHINGTON, BLANCHE.....*Major, History*, 1927-29.
Forest Grove, Pa. Prepared by the High School, Doylestown, Pa., and by George School, George School, Pa. James E. Rhoads Sophomore Scholar, 1928-29.
- WRAY, LOUISE RUSSELL,
Major, History of Art, 1924-27; *Sem. II*, 1927-28; *Sem. I*, 1928-29.
New York City. Prepared by the Washington Irving High School, New York City, by the Brearley School, New York City, and by private tuition.
- WRIGHT, DOROTHY MILLER.....1927-29.
Norristown, Pa. Prepared by the Baldwin School, Bryn Mawr, and by the National Cathedral School, Washington, D. C.

WRIGHT, HILDA EMILY TYLSTON,

Major, English, 1925-28; Sem. I, 1928-29.

Portland, Ore. Prepared by the Misses Kirk's School, Bryn Mawr, Pa. Frances Marion Simpson Scholar, 1925-27, and James E. Rhoads Sophomore Scholar and Alice Ferree Hayt Award, 1926-27, James E. Rhoads Junior Scholar, Frances Marion Simpson Scholar and Alice Ferree Hayt Memorial Award, 1927-28, Amelia Richards Memorial Scholar, Frances Marion Simpson Scholar and Alice Ferree Hayt Memorial Award, 1928-29.

YARNELLE, ALICE PORTER.....1928-29.
Fort Wayne, Ind. Prepared by Ferry Hall, Lake Forest, Illinois.

YERKES, CORDELIA.....*Hearer by Courtesy, 1927-29.*
Bryn Mawr, Pa.

YERKES, ROBERTA WATTERSON.....*Major, Economics, 1925-29.*
New Haven, Conn. Prepared by the Central High School, Washington, D. C.

YOUNG, ELIZABETH HORNER.....1928-29.
Pittsburgh, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.

YUNG-KWAI, MARINA.....1926-29.
Washington, D. C. Prepared by the Central High School, Washington. Junior Year in France.

ZALESKY, ELIZABETH GIBBS.....*Major, English, 1926-29.*
Norfolk, Va. Prepared by the Western High School, Washington, D. C.

ZEBEN, SADIE SYLVIA.....*Major, Latin, 1927-29.*
Philadelphia. Prepared by the High School for Girls, Philadelphia.

FELLOWS, SCHOLARS, AND GRADUATE STUDENTS

EUROPEAN FELLOWS

- GREGSON, MARGARET, *Bryn Mawr European Fellow, Shippen Foreign Scholar.*
La Grange, Ill. A.B., Bryn Mawr College, 1928.
- MUCHNIC, HELEN.....*Helene and Cecil Rubel Foundation Fellow.*
Brooklyn, N. Y. A.B., Vassar College, 1925; M.A., Bryn Mawr College, 1927. Graduate Scholar in English, Bryn Mawr College, 1925-27; Part-time Reader in English and Graduate Student in English and French, 1927-28.
- WYCKOFF, DOROTHY.....*Fanny Bullock Workman Fellow.*
Philadelphia. A.B., Bryn Mawr College, 1921; M.A., 1928. Graduate Scholar in Geology, Bryn Mawr College, 1921-22, and Graduate Student, 1922-23, 1925-26. Teacher in the Misses Kirk's School, Bryn Mawr, Pa., 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28.
- JESSEN, * MYRA RICHARDS....*Anna Ottendorfer Memorial Research Fellow.*
Rosemont, Pa. A.B., Bryn Mawr College, 1915. Graduate Student, Bryn Mawr College, 1919-20, 1922-28. Teacher in the Friends Central School, Philadelphia, 1920-21, and in the Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College, 1923-28.
- WALSH, DOROTHY.....*Mary Elizabeth Garrett European Fellow.*
Vancouver, B. C. B.A., University of British Columbia, 1923; M.A., University of Toronto, 1924. Graduate Student, University of Toronto, 1923-25. Fellow in Philosophy, Bryn Mawr College, 1925-26, and Reader in Philosophy and Graduate Student, 1927-28.

RESIDENT FELLOWS

- GRACE, ELIZABETH FITZRANDOLPH.....*Fellow in Greek.*
New York City. A.B., Bryn Mawr College, 1922. Teacher of English in the Wadleigh High School, New York City, 1923-25, and of Mathematics and Ancient History in the Brearley School, New York City, 1925-26; Student at the American School of Classical Studies at Athens, 1927-28.
- FAIRMAN, RUTH ELIZABETH.....*Fellow in Latin.*
Springfield, Mass. A.B., Mount Holyoke College, 1927; M.A., Bryn Mawr College, 1928. Scholar in Latin, Bryn Mawr College, 1927-1928.
- RHOADS, REBECCA GARRETT.....*Fellow in English.*
Wilmington, Del. A.B., Bryn Mawr College, 1918; B.Litt., Oxford University, 1927. Teacher of English in the Flager School, Jacksonville, Fla., 1918-19, and in the Southfield Point High School, 1919-20. Student, St. Hugh's College, Oxford University, 1920-23 and 1925-27; Graduate Scholar in English, Bryn Mawr College, 1927-28.
- WRIGHT, JEAN GRAY.....*Fellow in French.*
Lincoln University, Pa. A.B., Bryn Mawr College, 1919; M.A., University of Pennsylvania, 1927. Student at the Sorbonne, 1923-24. Teacher of French and German, Wilmington Friends School, 1919-23; Teacher of French, Holman School, Philadelphia, 1924-25. Graduate Scholar in French, Bryn Mawr College, Sem. I, 1926-27, and Scholar of the Society of Pennsylvania Women in New York, Sem. II, 1926-27, and 1927-28.
- FISHTINE, EDITH.....*Fellow in Spanish.*
Dorchester, Mass. A.B., Boston University, 1925. Student, Universities of Paris and Madrid, 1925-26; Radcliffe College, 1927. Teacher of Spanish, Donald Mackay School, East Boston, 1926-27; Instructor in Spanish and Graduate Student, Bryn Mawr College, 1927-28.

* Mrs. Karl Detlev Jessen.

- MARTIN, GRACE NEALY..... *Fellow in German.*
Corydon, Ind. A.B., Indiana University, 1918, and M.A., 1923. Teacher of English and Music in the High School, Pontiac, Illinois, 1918-19; Teacher of French in the High School, Columbus, Indiana, 1919-22; Graduate Student, Indiana University, 1922-23, and Instructor in German, 1923-27. Graduate Scholar in German, Bryn Mawr College, 1927-28.
- HENDERSON, ELIZABETH KISSAM..... *Fellow in History.*
A.B., Bryn Mawr College, 1924; M.A., 1925. Graduate Scholar in History, Bryn Mawr College, 1924-25; Graduate Student in Greek Literature, Columbia University, summer 1927; Teacher of Latin and Ancient History, Barrington School, Great Barrington, Mass.
- GREGORY, PHYLLIS MARIE..... *Fellow in Economics and Politics, Semester I.*
Rossland, B. C. A.B., University of British Columbia, 1925; M.A., Bryn Mawr College, 1927. Susan B. Anthony Memorial Research Scholar in Social Economy and Social Research and in Politics, Bryn Mawr College, 1925-26, and Fellow in Economics and Politics, 1926-27. Mary Elizabeth Garrett European Fellow and Student at the London School of Economics, 1927-28.
- BACHE, PRISCILLA,
Carola Woerishoffer Fellow in Social Economy and Social Research.
Waban, Mass. A.B., Smith College, 1927. Carola Woerishoffer Scholar in Social Economy and Social Research, Bryn Mawr College, 1927-28.
- MICHIE, FRANCES ETHEL,
Carola Woerishoffer Fellow in Social Economy and Social Research.
Seattle, Wash. A.B., University of Washington, 1925. Teacher of History, Centralia High School, Washington, 1925-27. Graduate Student, University of Washington, 1927-28.
- BISHOP, JULIA ANN..... *Grace H. Dodge Fellow in Social Economy.*
Abilene, Texas. A.B., Abilene Christian College, 1924; M.A., Vanderbilt University, 1926. Teacher of English and History, Roscoe High School, Texas, 1924-25, and in the Abilene High School, Texas, 1926-28.
- RAWLINGS, MARGARET BELL..... *Fellow in Philosophy.*
Tacoma, Wash. A.B., Mills College, 1927. Graduate Scholar in Philosophy, Bryn Mawr College, 1927-28.
- MARKWELL, LEATA LEAH..... *Fellow in Psychology.*
Omaha, Nebr. A.B., University of Nebraska, 1924; M.A., 1928. Assistant Instructor in Psychology, University of Nebraska, Sem. II, 1926-27, and 1927-28.
- BURR, DOROTHY..... *Fellow in Archaeology.*
Philadelphia. A.B., Bryn Mawr College, 1923; M.A., 1926. Bryn Mawr European Fellow, Shippen Foreign Scholar and Student, American School of Classical Studies, Athens, 1923-24, and Fellow, American School of Classical Studies, Athens, 1924-25; Helene and Cecil Rubel Foundation Fellow, Bryn Mawr College, 1925-26; Graduate Student, Radcliffe College, 1926-27.
- SHOE, LUCY TAXIS..... *Fellow in Archaeology.*
Austin, Texas. A.B., Bryn Mawr College, 1927; M.A., 1928. Graduate Scholar in Archaeology, Bryn Mawr College, 1927-28.
- HUGHES, OLIVE MARGARET..... *Fellow in Mathematics.*
Maidstone, Saskatchewan, Canada. A.B., University of Saskatchewan, 1925; M.A., 1926. Instructor in Mathematics, University of Saskatchewan, 1926-28.
- DIETZ, EMMA MARGARET..... *Fellow in Chemistry.*
Brooklyn, N. Y. A.B., Barnard College, 1925; M.A., Columbia University, 1926. Fellow in Chemistry, Bryn Mawr College, 1926-28.
- KINGSLEY, LOUISE..... *Fellow in Geology.*
Binghamton, N. Y. A.B., Smith College, 1922, and M.A., 1924. Graduate Student and Assistant in Geology, Smith College, 1922-24, and Instructor in Geology, 1924-27; Fellow in Geology, Bryn Mawr College, 1927-28.
- JEFFERS, KATHARINE ROSETTA..... *Fellow in Biology.*
Columbia, Mo. A.B., University of Missouri, 1927; M.A., 1928.
- WHITE, MARCELLA PORTIA,
Intercollegiate Community Service Association Fellow.
Stockton, Calif. A.B., College of the Pacific, 1927. Grace H. Dodge Scholar in Social Economy and Social Research, Bryn Mawr College, 1927-28.

FOREIGN SCHOLARS

HINGRE, CLAIRE RENÉE MARIE,

French Scholar in English, Politics, and Social Economy.
Paris. *Licenciée-ès-Lettres*, The Sorbonne, 1927, and *Diplôme études supérieures*, 1928.
French Assistant, Lenzie and Bearsden Academies, Scotland, 1926-27; Teacher of
English, Lycée Fénelon, Paris, one term, 1928.

SEIFERT, GERDA ELISABETH MATHILDE,

German Scholar in Biology and Chemistry.
Berlin. Student, University of Berlin, 1926-28.

GRIFFITHS, ELNITH ROSELLE.....*British Scholar in History.*
Pembroke Dock, South Wales. B.A., University of Wales, 1925; M.A., 1927.

YOUNG, HELEN MARION KINNEAR.....*British Scholar in Mathematics.*
Exmouth, England. *Licenciée-ès-Sciences*, University of Lausanne, 1924; M.A., Bryn
Mawr College, 1928. *British Scholar in Mathematics*, Bryn Mawr College, 1927-28.

BÄCKSTRÖM, MÄRTA.....*Swedish Scholar in Social Economy.*
Stockholm. *Juris Cand.*, University of Upsala, 1924. Worker in Department of Organ-
ized Charities, Stockholm, 1925-28.

GRADUATE SCHOLARS

ABAECHERLI, ALINE LOUISE.....*Graduate Scholar in Latin.*
Cincinnati, O. A.B., University of Cincinnati, 1927; M.A., Bryn Mawr College, 1928.
Graduate Scholar in Latin, Bryn Mawr College, 1927-28.

NORRIS, ELIZABETH.....*Graduate Scholar in English.*
Santa Cruz, Calif. A.B., Mills College, 1927. Apprentice Teacher in the Thorne School
and Graduate Student in English and Education, Bryn Mawr College, 1927-28.

SOUTH, HELEN PENNOCK.....*Graduate Scholar in English.*
Philadelphia. A.B., Wellesley College, 1913; M.A., Bryn Mawr College, 1926. Teacher
in the Friends Central School, Philadelphia, 1913-17; in the Westtown School, West-
town, Pa., 1917-19, and Girls' Principal of the Westtown School, 1919-25. Graduate
Student in English, Bryn Mawr College, 1925-26, Graduate Scholar in English, 1926-27,
and Fellow in English, 1927-28.

CHARLES, MARY LANE.....*Graduate Scholar in French.*
Richmond, Ind. A.B., Earlham College, 1927; M.A., Bryn Mawr College, 1928. Grad-
uate Student in French, Bryn Mawr College, 1927-28.

CUMINGS, EDITH KATHARINE.....*Graduate Scholar in French.*
Bloomington, Ind. A.B., Indiana University, 1927; M.A., Bryn Mawr College, 1928.
Graduate Scholar in French, Bryn Mawr College, 1927-28.

FOX, MARY ELIZABETH.....*Graduate Scholar in Spanish.*
Davenport, Iowa. B.S., Colorado State College of Agriculture and Mechanical Arts,
1926. Teacher of English at the Sunrise, Wyoming, High School, 1925-26, and of
French and Spanish, Jamestown College, N. D., 1926-28.

PIAZZA, KATHERINE AMY.....*Graduate Scholar in Italian.*
Lincoln, Nebr. A.B., University of Nebraska, 1928.

JEFFREY, MARGARET.....*Graduate Scholar in German.*
Hawthorne, N. J. A.B., Wellesley College, 1927. Student, University of Frankfurt am
Main, Germany, 1927-28.

BRAND, ELIZABETH.....*Graduate Scholar in History.*
West Hartford, Conn. A.B., Mount Holyoke College, 1928.

DEN HARTOG, CLARA WILHELMINA.....*Graduate Scholar in History.*
Amsterdam, Holland. *Cand. Hist.*, University of Amsterdam, 1925; *Doctoranda Hist.*, 1927.

WILDY, FRIEDA ELIZABETH,

Carola Woerishoffer Scholar in Social Economy and Social Research.
Boulder, Colo. A.B., University of Colorado, 1928.

WILLIAMS, ROSALIE,

Carola Woerishoffer Scholar in Social Economy and Social Research.
Stockton, Calif. A.B., College of the Pacific, 1928.

- BISS, IRENE MARY.....*Grace H. Dodge Scholar in Social Economy.*
Reigate, England. B.Sc., London School of Economics, 1925. Graduate Student, Girton College, Cambridge, 1925-28. Holder of the Cairnes Scholarship for Graduate Study or Research in Political Economy, awarded by Girton College, Cambridge.
- BLOODWORTH, JESSIE ATHEN...*Grace H. Dodge Scholar in Social Economy.*
Hartshorne, Okla. A.B., Oklahoma State University, 1920. Director, Social Center, Huchow, China, 1922-24; Director, Religious and Social Studies, McTyeire School, Shanghai, 1925-28.
- HANKINS, DOROTHY.....*Grace H. Dodge Scholar in Social Economy.*
Roanoke, Va. A.B., Lynchburg College, 1925. Teacher of English and Mathematics, Spring Garden, Va., 1925-26, and of Mathematics at Staunton, Va., 1926-28.
- HERMAN, FLORENCE SHELLEY, *Grace H. Dodge Scholar in Social Economy.*
Brooklyn, N. Y. A.B., Hunter College, 1928.
- VAN FLEET, JOSEPHINE...*Robert G. Valentine Scholar in Social Economy.*
Monte Vista, Colo. A.B., Colorado College, 1928.
- WALLACE, BERNICE HAMILTON.....*Graduate Scholar in Philosophy.*
Los Angeles, Calif. A.B., University of California, 1928.
- SMALL, MARY BROUGHTON.....*Graduate Scholar in Psychology.*
Montclair, N. J. A.B., Goucher College, 1928.
- FREEMAN, SARAH ELIZABETH...*Graduate Scholar in Classical Archæology.*
Blairstown, N. J. A.B., Mount Holyoke College, 1928.
- SHEPARD, KATHARINE.....*Graduate Scholar in Classical Archæology.*
New York City. A.B., Bryn Mawr College, 1928.
- HAYS, MARGARET BLANCHE.....*Graduate Scholar in Physics.*
Swissvale, Pa. A.B., Oberlin College, 1924; M.S., University of Pittsburgh, 1925. Teacher in Swissvale High School, February-June, 1926; Instructor in Physics, Hollins College, 1926-27. Fellow in Physics, Bryn Mawr College, 1927-28.
- FOWLER, ONA M.....*Graduate Scholar in Biology.*
North Adams, Mich. A.B., Hillsdale College, 1918; M.S., University of Michigan, 1919. Teacher of Biology and Chemistry, High School, Hacksville, O., 1919-21, and at the Synodical Junior College, Fulton, Mo., 1921-26. Graduate Student and Assistant in Zoology, University of Michigan, 1926-27 and summer of 1927; Instructor in Zoology, Lake Erie College, 1927-28.
- GILBERT, MARY L.....*Earlham College Scholar.*
Straughn, Ind. A.B., Earlham College, 1928.
- O'DONNELL, MARION FRANCES,
Scholar of the Society of Pennsylvania Women in New York.
Lansdowne, Pa. B.S., University of Pennsylvania, 1925; M.A., 1926.

GRADUATE STUDENTS

- ADAMS, ANNA CLINTON.....*Graduate Student in Archæology.*
Philadelphia. A.B., Bryn Mawr College, 1926.
- ALLENSWORTH, INEZ LUCILE.....*Graduate Student in Greek and French.*
Canton, O. A.B., Wooster College, 1928.
- BAKER, RUTH.....*Graduate Student in Social Economy.*
Hiram, Ohio. A.B., Hiram College, 1926. Assistant, Treasurer's Office, Hiram College, 1926-28; Secretary, Department of Social Economy and Social Research, Bryn Mawr College, 1928-29.
- BLAIR, BERTHA.....*Graduate Student in Social Economy.*
Duluth, Minn. A.B., Macalester College, 1919. Teacher of English and History, Junior High School, Duluth, 1919-20; Girl Reserve Secretary, Y. W. C. A., Kalamazoo, 1920-23, and Industrial Secretary, Y. W. C. A., Duluth, 1925-27; Carola Woerishoffer Scholar in Social Economy and Social Research, Bryn Mawr College, 1927-28, and Research Assistant, Department of Social Economy, 1928-29.
- BRILL, EVE ALGER*.....*Graduate Student in Education.*
Philadelphia. B.S., Teachers College, Columbia University, 1928. Pre-School Teacher, Phebe Anna Thorne School, 1928-29.

* Mrs. Fred A. Brill, Jr.

BROWN, MIRIAM GRUBB.....*Graduate Student in Italian.*
Norristown, Pa. A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27; Instructor in Italian, Bryn Mawr College, 1927-29, and Graduate Student in Italian, 1927-28.

BURTON,* AILEEN CASEY,
Graduate Student in English and History, Semester I.
Philadelphia, Pa. A.B., University of Wisconsin, 1922. Graduate Student in English, Bryn Mawr College, 1927-28.

CHARLES, JEANNE MARIE LOUISE.....*Graduate Student in English.*
Paris, France. *Baccalauréat Latin—Langues Vivantes*, Sorbonne, 1922; *Philosophie* 1924; *Brevet d'enseignement de l'Académie de Paris*, 1918; *Cours de Droit*, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28; and at the Phebe Anna Thorne School, 1928-29.

CHEW,† LUCY EVANS.....*Graduate Student in Italian, Semester I.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1918. Graduate Student in Italian, Bryn Mawr College, 1920-21, 1925-28.

CLARK, ANNA H.....*Graduate Student in Social Economy.*
New York City. A.B., Smith College, 1926. Secretary, Editorial Department, *The Survey*, New York, 1926-28. Research Assistant on Social Problems, Department of Social Economy, Bryn Mawr College, 1928-29.

COLE, GRACE MAY.....*Graduate Student in Education.*
Haverford, Pa. A.B., Wellesley College, 1917. Teacher, Faulkner School, Chicago, 1918-23, and at the Beaver Country Day School, Brookline, Mass., 1923-26. Principal, Friends' Central School, Overbrook, Pa., 1926-28, and Graduate Student, Bryn Mawr College, Sem. II, 1926-27, and 1927-28.

COLLINS, RUTH MULFORD...*Graduate Student in English and Education.*
Piedmont, Calif. A.B., Mills College, 1927. Graduate Student, University of California, 1927-28. Apprentice Teacher, Phebe Anna Thorne School, Bryn Mawr, 1928-29.

CRANE, HELEN BOND.....*Graduate Student in English and Music.*
Timonium, Md. A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Secretary, Y. W. C. A., Foochow, China, 1913-16; Associate Educational Secretary, Student Volunteer Movement, 1919-24, Editorial Work, 1926-28. Director of the Bureau of Recommendations and Warden of Denbigh Hall, Bryn Mawr College, 1928-29.

DUELL,‡ ANNA OTIS.....*Graduate Student in Latin and Greek.*
Rosemont, Pa. A.B., Smith College, 1924. Student, American School of Classical Studies, Rome, 1924-25.

ELSEY, FLORENCE.....*Graduate Student in Social Economy.*
Atchison, Kans. A.B., Stanford University, 1917.

EVANS,§ JEAN GRAHAM, *Graduate Student in History of Art and Economics.*
Bryn Mawr, Pa. A.B., University of Toronto, 1919. Graduate Student, Faculty of Education, University of Toronto, 1923-24. Teacher, Home Economics, Technical School, Galt, Can., 1924-28.

FAISSLER, JANE FRANCES.....*Graduate Student in Psychology.*
Sycamore, Ill. A.B., University of Illinois, 1926. Graduate Scholar in Psychology, Bryn Mawr College, 1926-27, Fellow in Psychology, 1927-28, and Demonstrator in Psychology, 1928-29.

FINCH, EDITH.....*Graduate Student in French.*
Greenfield, Mass. A.B., Bryn Mawr College, 1922, and M.A., 1928; B.A., Oxford University, 1924. Student, University of Oxford, 1922-24, and in Paris, 1925-26. Reader in English, Bryn Mawr College, 1924-25; Graduate Student in English and French, 1926-28, and Instructor in English, 1928-29.

FINKENTHAL, CHARLOTTE CAROLYN.....*Graduate Student in German.*
Cleveland, O. A.B., Western Reserve University, 1925. Teacher of German, French and Latin, Cleveland High Schools, 1925-28. Instructor in German, Bryn Mawr College, 1928-29.

* Mrs. J. P. Burton.
‡ Mrs. Prentice Duell.

† Mrs. Samuel Claggett Chew.
§ Mrs. Charles Sparling Evans.

- FISHER, JOSEPHINE.....*Graduate Student in History.*
Baltimore, Md. A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Teacher of History, Ethel Walker School, Simsbury, Conn., 1922-23. Warden of Pembroke Hall, 1927-29, and Graduate Student in History, Bryn Mawr College, Oct.-Dec., 1927.
- FRAME, MAUDE M.....*Graduate Student in Philosophy.*
Philadelphia. A.B., University of Pennsylvania, 1927. Part-time Reader in Philosophy, Bryn Mawr College, 1928-29.
- GALLAND, GEORGETTE CELINE.....*Graduate Student in English.*
Cherbourg, France. A.B., Western College for Women, Oxford, Ohio, 1925; M.A., Mount Holyoke College, 1926. Student at The Sorbonne, 1923-24, 1926-28.
- GARVIN, HILDA KATHARINE.....*Graduate Student in French.*
Beaconsfield, England. B.A., Honours, University of Oxford, 1926; M.A., University of Michigan, 1927. Instructor in English, Bryn Mawr College, and Graduate Student, 1927-29.
- GRIERSON, LETITIA JANE HARGRAVE.....*Graduate Student in English.*
Edinburgh, Scotland. B.A., University of Edinburgh, 1923, and M.A., 1924. Graduate Student, University of Cambridge, 1924-26; Assistant Lecturer in English, Edinburgh University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28; Instructor in English, Bryn Mawr College, 1928-29.
- HENDRICKSON, MARION VAUX.....*Graduate Student in Italian.*
New Haven, Conn. A.B., Smith College, 1924. Instructor in Italian and Graduate Student, Bryn Mawr College, 1924-26; Teacher in the Lyman School, Ardmore, Pa., 1928-29.
- HOFRICHTER, RUTH JUSTINE.....*Graduate Student in German.*
Hessen, Germany. Ph.D., University of Heidelberg, 1921. Head of Modern Language Department, Midland College, Nebr., 1922-25; Assistant, German Department, University of Nebraska, 1927; Instructor in German, Bryn Mawr College, and Graduate Student in German, 1927-29.
- IRISH, FLORENCE CATHERINE.....*Graduate Student in History.*
Norristown, Pa. A.B., Bryn Mawr College, 1914, and M.A., 1916. Teacher of History, Gordon-Roney School, Philadelphia, 1916-17, and of History, Mathematics, and Physics, 1921-26; Information Analyst, Women's Committee, Council of National Defense, Washington, 1918-19; Assistant to the Treasurer of the Alumnae Association, Bryn Mawr College, 1928-29.
- LINN, MARY BETTINA.....*Graduate Student in Economics and Politics.*
Philadelphia. A.B., Bryn Mawr College, 1926. Student, London School of Economics, 1927-28.
- LITZENBERGER, MAE EDNA.....*Graduate Student in German.*
Forestdale, R. I. A.B., Mount Holyoke College, 1924; B.S., Simmons College, School of Library Science, 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925-29. Graduate Student in German, Bryn Mawr College, 1927-28.
- MACDONALD, MARY HELEN.....*Graduate Student in Mathematics.*
Ardmore, Pa. A.B., Bryn Mawr College, 1921, and M.A., 1924. Graduate Scholar in Mathematics, Bryn Mawr College, 1923-24, and Graduate Student, 1922-23, 1925-26, 1927-28. Assistant to Secretary and Registrar, Bryn Mawr College, 1921-23. Teacher of Physics and Mathematics, The Shipley School, Bryn Mawr, 1924—.
- MAIR,* ALICE VIRGINIA.....*Graduate Student in Education.*
Bryn Mawr, Pa. A.B., Wellesley College, 1926. Library Assistant, 1926-28.
- MALZ, GERTRUDE E.....*Graduate Student in Archæology.*
Philadelphia. A.B., Swarthmore College, 1923; A.M., University of Wisconsin, 1924, and Ph.D., 1928. Instructor in Latin, University of Cincinnati, 1925-26; Teacher of Latin, Phebe Anna Thorne School, 1928-29.
- MASON,† FLORENCE ROBERTS.....*Graduate Student in Education.*
Berwyn, Pa. A.B., Northwestern University, 1912; LL.B., Chicago Kent College of Law, 1916.
- NAGELVOORT, ADRIENNE...*Graduate Student in Mathematics and Physics.*
Royal Oak, Mich. A.B., University of Michigan, 1928.

* Mrs. Beveridge J. Mair.

† Mrs. J. Alden Mason.

- PASCOE, HELEN MARJORIE. . . *Graduate Student in English and Philosophy*. Indianapolis, Ind. A.B., Butler University, 1927.
- PAXSON, EVALYN MATTSON. *Graduate Student in Education*. Philadelphia. A.B., Vassar College, 1924. Teacher, Primary Grades, 1924-26; Private Tutor, 1926-27; Primary Teacher, Phebe Anna Thorne School, 1928-29.
- PEEK, KATHARINE MARY. *Graduate Student in English*. Moline, Ill. A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, 1923-24; Instructor in English, Bryn Mawr College, 1925-27, and Graduate Student in English, 1926-29; Warden of Merion Hall, 1927-29.
- PERKY, * CHEVES WEST
Graduate Student in Psychology and Education, Oct.-Dec., 1928
 Haverford, Pa. B.S., Teachers College, New York City, 1901; Ph.D., Cornell University, 1918. Teacher Horace Mann School, 1901-02, Teacher in St. Agnes' School, Albany, N. Y., 1902-04; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25; Teacher of Art, Phebe Anna Thorne School, 1925-29.
- PRATT, SARAH DARLINGTON. . . *Graduate Student in Education, Semester II*. West Chester, Pa. A.B., Swarthmore College, 1927. Teacher, Friends Central School, 1927-29.
- REIMER, ISABEL ESTES. *Graduate Student in Education, Semester II*. Philadelphia, Pa. A.B., Vassar College, 1926. Case Worker C.O.S., New York City, 1926-27; Teacher, Friend's Central School, 1927-29.
- REINHOLD, MARGARET RILEY. *Graduate Student in Education*. Ardmore, Pa. A.B., Sweet Briar College, 1926. Teacher of Arithmetic, Phebe Anna Thorne School, Bryn Mawr, 1926-29, and Graduate Student, Bryn Mawr College, 1926-27, and Sem. I, 1927-28.
- RELYEA, PAULINE SAFFORD. *Graduate Student in History*. Rome, N. Y. A.B., Smith College, 1924. Student, Columbia University, summer of 1926; and Chicago University, summer 1927. Teacher of History, Easthampton, N. Y., 1924-26; Rome, N. Y., 1926-27; and Phebe Anna Thorne School, Bryn Mawr, Pa.; Graduate Student, Bryn Mawr College, 1927-28.
- RHOADS, ESTHER LOWREY. *Graduate Student in French*. Philadelphia. A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager, *Alumnae Bulletin*, Bryn Mawr College, and Graduate Student, 1924-26, 1927-28. Warden of Merion Hall, Feb.-June, 1926; Student in Paris, 1926-27; Warden of Wyndham, 1927-29.
- RHOADS, GRACE EVANS. . *Graduate Student in Politics and Social Economy*. Moorestown, N. J. A.B., Bryn Mawr College, 1922. Student, Columbia University, summer, 1925; at the Institute of Higher International Studies, Geneva, 1928. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-24; and Wilmington's Friends' School, Wilmington, Del., 1926-27. Assistant Warden of Pembroke Hall, 1928-29.
- ROWE, ELMAY ROMEYNE,
Graduate Student in Social Economy, Semester II, 1929.
 Burlington, Wis. A.B., University of Wisconsin, 1927, and M.A., 1925, Advertising Manager, Simpson Garment Company, Madison, Wis., 1928-Feb. 1929. Research Assistant, Department of Social Economy, Bryn Mawr College, Feb.-June, 1929.
- SALINGER, MARGARETTA MATHILDA. . *Graduate Student in History of Art*. Bloomfield, N. J. A.B., Bryn Mawr College, 1928. Reader in History of Art, Bryn Mawr College, 1928-29.
- SCHNIEDERS, MARIE HELENE. *Graduate Student in German*. New York City. A.B., Barnard College, 1927. Instructor in German, Bryn Mawr College, 1928-29.
- SHAW, ANNIE GILLESPIE,
Graduate Student in Social Economy and Social Research, Semester II.
 Uddingston, Lanarkshire, Scotland. M.A., Edinburgh University, 1927. British Scholar, Bryn Mawr College, 1927-28. Graduate Student, Columbia University, Sem. I, and Bryn Mawr College, Sem. II, 1928-29.

* Mrs. Cheves W. Perky.

SHAW, HELEN LOUISE.....*Graduate Student.*
 Bryn Mawr, Pa. Ph.B., University of Chicago, 1920. Teacher in Elementary Schools, 1913-18; in the Katherine Branson School, San Rafael, Calif., 1920-21; in the University of California Elementary School, 1921-22; in Mrs. Caskin's School, Overbrook, Philadelphia, 1922-23; in the Phebe Anna Thorne School, Bryn Mawr, 1923-25. Graduate Student in History, Bryn Mawr College, 1922-25; and Graduate Scholar in History, 1925-27; Student, University of London, 1927-28.

SILLIMAN, FRANCES E.....*Graduate Student in Biology.*
 Hibbing, Minn. B.S., University of Minnesota, 1928.

SINDALL, BARBARA JOAN.....*Graduate Student in Archæology.*
 A.B., Bryn Mawr College, 1926. Student, American Academy in Rome, 1926-27. Teacher of Latin, Shipley School, Bryn Mawr, 1927-29.

SMITH, JULIA IRENE
Graduate Student in Education and Psychology, Semester I.
 A.B., Syracuse University, 1922. Second Grade Critic, Brockport Normal School, 1922-28.

SPACKMAN, BARBARA SPENCER
Graduate Student in German and French, Semester II.
 Ardmore, Pa. A.B., Bryn Mawr College, 1927.

SYKES, EDITH ELLEN.....*Graduate Student in French.*
 Philadelphia. A.B., Bryn Mawr College, 1903. Graduate Student, University of Pennsylvania, 1922-27. Teacher of English, Philadelphia High School for Girls, 1908-11; Translator, Military Intelligence, Washington, D. C., 1917-19; Teacher of Spanish and French, Brown Preparatory School, 1920-28.

WARD, JULIA.....*Graduate Student in History and Politics.*
 Navesink P.O., N. J. A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student and Warden of East House, Bryn Mawr College, 1924-25; Graduate Student and Warden of Rockefeller Hall, 1925-27, 1928-29; Fanny Bullock Workman Fellow and Student at London University, 1927-28.

WEBSTER, CHARLOTTE.....*Graduate Student in Geology.*
 Elyria, O. A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar and Assistant in Geology, Oberlin College, 1926-28; Demonstrator in Geology, Bryn Mawr College, 1928-29.

WICKINS, AVIS MARIE.....*Graduate Student in English.*
 Cheyenne, Wyo. A.B., University of California, Dec., 1927.

WOOD, KATHRYN LOUISE.....*Graduate Student in French.*
 Merion, Pa. A.B., Hollins College, 1925; A.M., University of Pennsylvania, 1927. Teacher of French, Stonewall Jackson College, Abingdon, Va., 1927-28.

WOODWORTH, ALLEGRA.....*Graduate Student in History.*
 Bryn Mawr, Pa. A.B., Bryn Mawr College, 1925. Teacher of History and Algebra, The Ethel Walker School, Simsbury, Conn., 1925-27; Teacher of History, The Shipley School, Bryn Mawr, 1927-29. Graduate Student, Bryn Mawr College, 1927-28.

WOODWORTH, MARY KATHARINE.....*Graduate Student in English.*
 Bryn Mawr, Pa. A.B., Bryn Mawr College, 1924; M.A., 1927. Teacher in the Phebe Anna Thorne School, and Graduate Student, Bryn Mawr College, 1925-29.

WRIGHT, AUDREY,
Graduate Student in Social Economy and Social Research and in Education.
 Washington, D. C. A.B., Oberlin College, 1927. Graduate Student, Bryn Mawr College, 1927-28.

WULFF, DORIS.....*Graduate Student in Music.*
 Bryn Mawr, Pa. A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute, Geneva, Switzerland; Teacher of Eurhythmics, Thorne School, Bryn Mawr, 1928-29.

WYCKOFF, LILLIAN.....*Graduate Student in Chemistry.*
 Philadelphia. A.B., Bryn Mawr College, 1922. Graduate Student, Bryn Mawr College, 1923-25 and 1926-28; Yale University, 1925-26. Teacher in preparatory schools, 1922-24; Teacher of Science, Baldwin School, Bryn Mawr, 1926-28.

SUMMARY OF GRADUATE STUDENTS

Resident Fellows	20
Scholars	30
Graduate Students	63
Total	113

SUMMARY OF STUDENTS

	Total for the Year
Class of 1929	64
Class of 1930	98
Class of 1931	100
Class of 1932	131
Hearers	3
Resident Fellows	20
Scholars and Graduate Students	93
Total	509

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Hour	Course	FRIDAY
First or Second Year English	Summary: The Bible (Cadbury)	2 hours a week
Elective English: Advanced	Summary: Social Research (Hart)	3 hours a week
Honours Work in English	History of Psychology (Helson)	2 hours a week
Advanced French: Philology	Principles of Education (Forest)	2 hours a week
Advanced Italian (Merz)	Composition (Alwyne)	2 hours a week
Advanced Spanish (Gill)	and Fugue (Alwyne)	2 hours a week
Advanced German: Lyric	Lyric (Alwyne)	2 hours a week
Elective Second Year English	Things (Hart)	2 hours a week
Elective History: Ancient	History (Hart)	2 hours a week
Honours Work in History	Billings, Stewart)	2 hours, alternate weeks

* Course changes see

PRELIMINARY SCHEDULE OF LECTURES, 1929-30

[illegible]

HOURS TO BE ARRANGED

[illegible]

BRYN MAWR COLLEGE

CALENDAR

UNDERGRADUATE COURSES

1929

BRYN MAWR, PENNSYLVANIA

CABLE ADDRESS: BRYNCOL

Published by Bryn Mawr College

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Pennsylvania, under Act of July 16th, 1894.*

BRYN MAWR COLLEGE CALENDAR

1929

- Number 1. Announcement of Carola Woerishoffer Department.
- Number 2. Undergraduate and Graduate Courses.
- Number 3. Undergraduate Courses.
- Number 4. Graduate Courses.
- Number 5. Academic Buildings and Halls of Residence,
Plans and Descriptions.

BRYN MAWR COLLEGE.

1929.							1930												1931.															
JULY							JANUARY							JULY					JANUARY							JULY								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	1	2	3	4	5	6					1	2	3	4			1	2	3	4	5					1	2	3			1	2	3	4
14	8	9	10	11	12	13	5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11
21	15	16	17	18	19	20	12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18
28	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25
38	29	30	31				26	27	28	29	30	31		27	28	29	30	31			25	26	27	28	29	30	31	26	27	28	29	30	31	
AUGUST							FEBRUARY							AUGUST					FEBRUARY							AUGUST								
4	5	6	7	8	9	10	2	3	4	5	6	7	1	3	4	5	6	7	8	9	1	2	3	4	5	6	7	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	15	16	17	18	19	20	21	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	22	23	24	25	26	27	28	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28		24	25	26	27	28	29	30	29	30	31				23	24	25	26	27	28	29	
SEPTEMBER							MARCH							SEPTEMBER					MARCH							SEPTEMBER								
1	2	3	4	5	6	7	2	3	4	5	6	7	1	1	2	3	4	5	6		1	2	3	4	5	6	7		1	2	3	4	5	
8	9	10	11	12	13	14	9	10	11	12	13	14	15	14	15	16	17	18	19	20	8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	16	17	18	19	20	21	22	21	22	23	24	25	26	27	15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	23	24	25	26	27	28	29	28	29	30					22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30						30	31						28	29	30					29	30	31					27	28	29	30			
OCTOBER							APRIL							OCTOBER					APRIL							OCTOBER								
6	7	8	9	10	11	12	6	7	8	9	10	11	12	5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10
13	14	15	16	17	18	19	13	14	15	16	17	18	19	12	13	14	15	16	17	18	12	13	14	15	16	17	18	11	12	13	14	15	16	17
20	21	22	23	24	25	26	20	21	22	23	24	25	26	19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
27	28	29	30	31			27	28	29	30				26	27	28	29	30	31		26	27	28	29	30			25	26	27	28	29	30	31
NOVEMBER							MAY							NOVEMBER					MAY							NOVEMBER								
3	4	5	6	7	8	9	4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9	1	2	3	4	5	6	7
10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	8	9	10	11	12	13	14
17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30	29	30	31				
DECEMBER							JUNE							DECEMBER					JUNE							DECEMBER								
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5		
8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19
22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26
29	30	31					29	30						28	29	30	31				28	29	30					27	28	29	30	31		

The forty-fifth academic year will close with the conferring of Degrees at eleven o'clock, on June 4, 1930.

COLLEGE CALENDAR

1929-30

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 16
College Entrance Board Condition Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 25
Registration of Freshmen.....	September 26
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 30
Examinations for advanced standing begin.....	September 30
Deferred and condition examinations begin.....	September 30
The work of the forty-fifth academic year begins at 8.45 A. M.....	October 1
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 5
Deferred and condition examinations end.....	October 5
Examinations for advanced standing end.....	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 20
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 23
Thanksgiving vacation begins at 12.45 P. M.....	November 27
Thanksgiving vacation ends at 9 A. M.....	December 2
Ph.D. Language examinations.....	December 7
Christmas vacation begins at 12.45 P. M.....	*December 20
Christmas vacation ends at 9 A. M.....	January 6
Last day of lectures.....	January 17
Half-yearly collegiate examinations begin.....	January 20
Ph.D. Language examinations.....	January 20
Collegiate examinations end.....	January 31
Annual meeting of the Alumnae Association.....	February 1
Vacation.....	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 4
Mid-semester examination in Elementary Greek.....	March 18
Announcement of European Fellowships.....	March 21
Spring vacation begins at 12.45 P. M.....	*March 28
Spring vacation ends at 9 A. M.....	April 7
Deferred and condition examinations begin.....	April 8
Deferred and condition examinations end.....	April 12
Ph.D. Language examinations.....	April 12
Examinations in French for Juniors.....	May 3

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Examinations in German for Juniors.....	May 10
Last day of lectures.....	May 16
Collegiate examinations begin.....	May 19
Collegiate examinations end.....	May 31
Baccalaureate Sermon.....	June 1
Conferring of degrees and close of forty-fifth academic year.....	June 4

COLLEGE CALENDAR

1930-31

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 15
College Entrance Board Condition Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 24
Registration of Freshmen.....	September 25
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 29
Examinations for advanced standing begin.....	September 29
Deferred and condition examinations begin.....	September 29
The work of the forty-sixth academic year begins at 8.45 A.M.....	September 30
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 4
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 4
Deferred and condition examinations end.....	October 4
Examinations for advanced standing end.....	October 4
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 11
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 11
Examination in French for M.A. Candidates, 8-9.30 P. M.....	November 19
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 22
Thanksgiving vacation begins at 12.45 P. M.....	November 26
Thanksgiving vacation ends at 9 A. M.....	December 1
Ph.D. Language examinations.....	December 6
Christmas vacation begins at 12.45 P. M.....	*December 19
Christmas vacation ends at 9 A. M.....	January 5
Last day of lectures.....	January 16
Half-yearly collegiate examinations begin.....	January 19
Ph.D. Language examinations.....	January 19
Collegiate examinations end.....	January 30
Annual meeting of the Alumnae Association.....	January 31
Vacation.....	February 2

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 3
Mid-semester examination in Elementary Greek.....	March 17
Announcement of European Fellowships.....	March 20
Spring vacation begins at 12.45 P. M.....	*March 27
Spring vacation ends at 9 A. M.....	April 6
Deferred and condition examinations begin.....	April 7
Deferred and condition examinations end.....	April 11

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Ph.D. Language examinations.....	April 11
Examinations in French for Juniors.....	May 2
Examinations in German for Juniors.....	May 9
Last day of lectures.....	May 15
Collegiate examinations begin.....	May 18
Collegiate examinations end.....	May 29
Baccalaureate Sermon.....	May 31
Conferring of degrees and close of forty-sixth academic year.....	June 3

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured, and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Comparative Philology and Linguistics	Philosophy
Greek	Psychology
Latin	Education
English	Classical Archæology
French	History of Art
Italian	Music
Spanish	Mathematics
German	Physics
Biblical Literature	Chemistry
History	Geology
Economics and Politics	Biology
Social Economy	

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Treasurer

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THOMAS RAEBURN WHITE
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ABRAM F. HUSTON

ARTHUR H. THOMAS
* WILLIAM C. DENNIS
ARTHUR PERRY
ARTHUR FREEBORN CHACE
RICHARD M. GUMMERE
J. HENRY SCATTERGOOD

One Member to be elected

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WILLIAM C. DENNIS
ARTHUR PERRY
ARTHUR FREEBORN CHACE
RICHARD M. GUMMERE
J. HENRY SCATTERGOOD

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CAROLINE MCCORMICK SLADE*
AGNES BROWN LEACH†
RUTH FURNESS PORTER‡
Alumnæ Director, 1924-29
FRANCES FINCKE HAND§
Alumnæ Director, 1925-30
MARY PEIRCE
Alumnæ Director, 1926-31
MARGARET REEVE CARY**
Alumnæ Director, 1927-32
ELIZABETH LEWIS OTEY***
Alumnæ Director, 1928-33

* Mrs. F. Louis Slade.

† Mrs. Henry Goddard Leach.

‡ Mrs. James Foster Porter.

§ Mrs. Learned Hand.

** Mrs. C. Reed Cary.

*** Mrs. Dexter Otey.

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CAROLINE McCORMICK SLADE
FRANCES FINCKE HAND
RUTH FURNESS PORTER
ELIZABETH LEWIS OTEY

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Acting Chairman

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ARTHUR H. THOMAS
ABRAM F. HUSTON
ARTHUR PERRY
J. HENRY SCATTERGOOD
AGNES BROWN LEACH
FRANCES FINCKE HAND
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CAROLINE McCORMICK SLADE

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Chairman

MARION EDWARDS PARK
ARTHUR FREEBORN CHACE
CHARLES J. RHOADS
RUTH FURNESS PORTER
MARGARET REEVE CARY
MARY PEIRCE

Committee on Religious Life

RUFUS M. JONES
Chairman

MARION EDWARDS PARK
ARTHUR PERRY
ARTHUR H. THOMAS
MARGARET REEVE CARY

OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1928-29

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING,* PH.D. Office: Taylor Hall.

Acting Dean

(Semester II)

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

President's Representative for Graduate Students

EUNICE MORGAN SCHENCK, PH.D. Office: Taylor Hall.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Assistant to the Dean

(Semester I)

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

(Semester II)

MARY SUMMERFIELD GARDINER, PH.D. Office: Taylor Hall.

Wardens of the Halls of Residence

FRIEDRIKA MARGRETHA HEYL, A.B., Radnor Hall.

JOSEPHINE FISHER, A.B., Pembroke Hall (*Head*).

GRACE RHOADS, A.B., Pembroke Hall (*Assistant*).

JULIA WARD, A.B., Rockefeller Hall.

HELEN BOND CRANE, M.A., Denbigh Hall.

KATHARINE MARY PEEK, A.B., Merion Hall.

ESTHER LOWREY RHOADS, A.B., Wyndham.

* Granted leave of absence for the second semester of the year 1923-29.

Director of Halls

MARION MITCHELSON. Office: Rockefeller Hall.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Examining Oculist

HELEN MURPHY, M.D. Office: 1427 Spruce Street, Philadelphia.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1928-29

TEACHING

- MARION EDWARDS PARK, * PH.D., LL.D., *President of the College*.
A.B., Bryn Mawr College, 1898, M.A., 1899, and Ph.D., 1918. Holder of the Bryn Mawr European Fellowship, 1898-99, and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06, and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22.
- M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College*.
A.B., Cornell University, 1877; studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81; Ph.D., University of Zurich, 1882. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94; President of the College and Professor of English, 1894-1922.
- HELEN TAFT MANNING, † PH.D., *Dean of the College and Acting President-elect*.
A.B., Bryn Mawr College, 1915; M.A., Yale University, 1916, and Ph.D., 1924. Dean of Bryn Mawr College, 1917-19, and Acting President, 1919-20.
- MARGARET MILLICENT CAREY, PH.D., *Acting Dean of the College and Associate in English*.
A.B., Bryn Mawr College, 1920; Ph.D., Johns Hopkins University, 1926. Secretary in Y. W. C. A., Baltimore, 1920-21; Graduate Student, Newnham College, Cambridge University, 1921-22; and Johns Hopkins University, 1923-26. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-23.
- EUNICE MORGAN SCHENCK, PH.D., *Professor of French and President's Representative for Graduate Students and Dean-elect of the Graduate School*.
A.B., Bryn Mawr College, 1907, and Ph.D., 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10, and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble, and in Madrid, 1910-12; Dean of Bryn Mawr College, 1916-17.
- WILMER CAVE WRIGHT, ‡ PH.D., *Professor of Greek*.
Shrewsbury, England. Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94, and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96.
- JAMES H. LEUBA, * PH.D., *Professor of Psychology*.
Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.
- HENRY NEVILL SANDERS, PH.D., *Alumnæ Professor of Greek*.
Edinburgh, Scotland. A.B., Trinity University, Toronto, 1894, and M.A., 1897; Ph.D., Johns Hopkins University, 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902.
- WILLIAM BASHFORD HUFF, PH.D., *Marion Reilly Professor of Physics and Holder of The Marion Reilly Grant*.
A.B., University of Wisconsin, 1889; M.A., University of Chicago, 1896; Ph.D., Johns Hopkins University, 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01, and Instructor in Physics, 1901-02.
- WILLIAM ROY SMITH, * PH.D., *Professor of History*.
A.B., University of Texas, 1897, and M.A., 1898; Ph.D., Columbia University, 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence for the second semester of the year 1928-29.

‡ On leave of absence for the year 1928-29.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnae Professor of English.*

A.B., Bryn Mawr College, 1893; University of Oxford, England, and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95.

DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of the Constance Guyot Cameron Ludington Grant.*

B.S., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904, and 1912.

JAMES BARNES, PH.D., *Professor of Physics.*

Halifax, Nova Scotia. B.A., Dalhousie University, Honours in Mathematics and Physics, 1899, and M.A., 1900; Ph.D., Johns Hopkins University, 1904. Holder of 1851 Exhibition Science Research Scholarship, 1900-03; Fellow, Johns Hopkins University, 1903-04, and Instructor in Physics, 1904-06; Research Fellow, University of Manchester, 1915.

THEODORE DE LEO DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B., University of California, 1896, and M.A., 1899; Ph.D., Cornell University, 1901; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.

MARION PARRIS SMITH, * PH.D., *Professor of Economics and Politics.*

A.B., Bryn Mawr College, 1901, and Ph.D., 1908. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.

GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Associate Professor and Professor-elect of Philosophy.*

A.B., Cornell University, 1903, and Ph.D., 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08.

REGINA KATHARINE CRANDALL, PH.D., *Margaret Kingsland Haskell Professor of English Composition.*

A.B., Smith College, 1890; Ph.D., University of Chicago, 1902. Graduate Student, University of Chicago, 1893-94, and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900.

SAMUEL CLAGGETT CHEW, * PH.D., *Professor of English Literature.*

A.B., Johns Hopkins University, 1909, and Ph.D., 1913. Fellow, Johns Hopkins University, 1910-12; English Master, Hotchkiss School, Lakeville, Conn., 1913-14.

SUSAN MYRA KINGSBURY, * PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B., College of the Pacific, 1890; M.A., Leland Stanford Jr. University, 1899; Ph.D., Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate, and Professor in Economics, Simmons College, and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art.*

A.B., Bryn Mawr College, 1896, and M.A., 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97, and Fellow in English, 1897-98; Collège de France, First Semester, 1898-99.

RHYS CARPENTER, † PH.D., *Professor of Classical Archæology.*

A.B., Columbia University, 1909, and Ph.D., 1916; B.A., University of Oxford, 1911, and M.A., 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies in Athens, 1912-13; Absent for Military Service, 1917-19.

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B., Loyola College, 1907; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.

HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B., University of Rochester, 1897; A.B., Harvard University, 1898, M.A., 1900, and Ph.D., 1907. Instructor in History, Harvard University, 1909-13, and Assistant Professor of History, 1914-15. Absent for Government Service, 1918-19.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

JAMES LLEWELLYN CRENSHAW,* Ph.D., *Professor of Physical Chemistry*. A.B., Centre College, 1907, and M.A., 1908; Ph.D., Princeton University, 1911. Assistant Chemist in the Geo-Physical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15. Absent for Military Service, 1917-19.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction*. London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902.

CHARLES WENDELL DAVID, Ph.D., *Professor of European History*. A.B., University of Oxford, 1911; M.A., University of Wisconsin, 1912; Ph.D., Harvard University, 1918; Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18.

MARCELLE PARDÉ, Agrégée des Lettres, Associate Professor of French. Ecole Normale Supérieure de Sèvres, 1911-14. Teacher in the Lycée Chaumont, Haute Marne, 1915-19; Student in the Sorbonne, 1911-16; *Agrégée des lettres*, University of Paris, 1917.

FRANZ SCHRADER, Ph.D., Associate Professor of Biology. B.S., Columbia University, 1914, and Ph.D., 1919. Scientist for the Bureau of Fisheries, Department of Commerce, Washington, D. C., 1915-16, and summer of 1917; and Pathologist, 1919 to January 31, 1921. Assistant in Zoölogy, Columbia University, 1918-19.

MARY HAMILTON SWINDLER, Ph.D., Associate Professor of Latin and Classical Archaeology.

A.B., University of Indiana, 1905, and M.A., 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Greek, Bryn Mawr College, 1908-07, and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913.

SUSAN HELEN BALLOU,* Ph.D., *Associate Professor of Latin*. Ph.B., University of Chicago, 1897; Ph.D., University of Giessen, 1912. Graduate Scholar in Latin, University of Chicago, 1897-98, Assistant in Latin, 1898-1900, and Associate in Latin, 1901-07; Traveling Fellow of the Association of Collegiate Alumnae at the American School of Classical Studies, Rome, 1901-02; Student of Palaeography in Rome, 1903-04, and Carnegie Research Fellow in Latin Literature, American School of Classical Studies, Rome, 1905-06; Student, Universities of Göttingen and Giessen, 1910, 1911; Instructor in Latin, University of Chicago, 1907-15; in charge of Latin Department, Michigan Western State Normal School, 1915-17; Instructor in History, University of Wisconsin, 1917-20.

HORACE ALWYNE, F.R.M.C.M., Professor of Music and Director of the Department of Theoretical Music.

Manchester, England. Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin).

ROGER HEWES WELLS, Ph.D., Associate Professor of Economics and Politics. A.B., Northwestern University, 1916; M.A., Harvard University, 1921, and Ph.D., 1923. Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Guggenheim Fellow in Germany, 1927-28.

DAVID VERNON WIDDER, Ph.D., Associate Professor of Mathematics. A.B., Harvard University, 1920, M.A., 1923, and Ph.D., 1924. Instructor in Mathematics, Harvard University, 1921-23; National Research Fellow, University of Chicago, 1926-27.

JOSEPH E. GILLET, Ph.D., Associate Professor and Professor-elect of Spanish. Ph.D., University of Liège, 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; absent for Military Service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Visiting Professor, Princeton University, 1928-29 (Semester II).

* On leave of absence for the year 1928-29.

HORNELL HART, Ph.D., Associate Professor of Social Economy.

A.B., Oberlin College, 1910; M.A., University of Wisconsin, 1914; Ph.D., University of Iowa, 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21; Research Associate Professor in Sociology in the University of Iowa, and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24.

AGNES LOW ROGERS, Ph.D., Professor of Education and Psychology.

M.A., St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25.

MAX DIEZ, Ph.D., Associate Professor of German Literature.

A.B., Washington University, 1909, and M.A., 1910. Ph.D., University of Texas, 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War Service, 1918-19; Professor of German, Centre College, 1921-25.

LOUIS FREDERICK FIESER, Ph.D., Associate Professor of Chemistry.

A.B., Williams College, 1920; M.A., Harvard University, 1921, and Ph.D., 1924; Assistant in Chemistry, Harvard University, 1921-22; Harris Fellow in Chemistry, 1922-23; and Sheldon Travelling Fellow, and student, Universities of Frankfurt and Oxford, 1924-25.

HENRY JOEL CADBURY, Ph.D., Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.

A.B., Haverford College, 1903; M.A., Harvard University, 1904, and Ph.D., 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26.

ERNST DIEZ,* Ph.D., Associate Professor of the History of Art.

Vienna, Austria. Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919, and Associate Professor, 1924-26.

LILY ROSS TAYLOR, Ph.D., Professor of Latin.

A.B., University of Wisconsin, 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Latin, 1906-07, and Fellow in Latin, 1907-08; Reader and Demonstrator in Archaeology, Bryn Mawr College, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20. Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25, and Professor, 1925-27.

GRACE FRANK, A.B., Non-resident Associate Professor of Romance Philology.

A.B., University of Chicago, 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19.

MARGARET GILMAN, Ph.D., Associate in French.

A.B., Bryn Mawr College, 1919, M.A., 1920, and Ph.D., 1924. Graduate Scholar in French, 1919-20, and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sévres, and Student, University of Paris, 1922-23.

CHARLES SPARLING EVANS, Ph.D., Associate in Geology.

B.A.Sc., University of British Columbia, 1924; Ph.D., Princeton University, 1927. Graduate Student, Princeton University, 1924-26, and Fellow in Geology, 1926-27.

VITO G. TOGLIA, M.A., Associate in Italian.

A.B., Harvard University, 1912, and M.A., Columbia University, 1921. Teacher of Latin, Ancient History and Italian in secondary schools, New York City, 1912-20; Graduate Student and Instructor in Italian, Columbia University, 1920-27.

RUTH GEORGE, A.B., Associate in English.

A.B., Cornell University, 1911. Assistant Reader in English, Bryn Mawr College, 1911-12; Teacher in the District School, Scottsdale, Ariz., 1912-14; at Miss Madeira's School, Washington, D. C., 1915-19; at Miss Ransom and Miss Bridges' School, Piedmont, California, 1919-21, 1923-24, and 1925-27; at the Shipley School, Bryn Mawr, 1924-25.

* Granted leave of absence for the second semester of the year 1929-30.

PRENTICE DUELL,* M.Arch., *Lecturer and Associate Professor-elect of Archaeology.*

A.B., University of California, 1916; M.Arch., Harvard University, 1923. Absent for Military Service, 1917-19; Student, University of Pennsylvania, School of Architecture, 1919-20; Instructor in Architectural History, University of Illinois, 1921-22; Charles Eliot Norton Fellow from Harvard University, American School of Classical Studies in Athens, 1923-25; Assistant Professor of History of Architecture, University of Cincinnati, 1925-26, and Professor of History of Architecture, 1926-27.

ILSE FOREST, PH.D., *Associate Professor of Education.*

B.S., Teachers College, Columbia University, 1922; M.A., 1923; Ph.D., Columbia University, 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27.

STEPHEN JOSEPH HERBEN, PH.D., *Associate Professor of English.*

B.Litt., Rutgers University, 1920; M.A., Princeton University, 1921, and Ph.D., 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28.

FRITZ MEZGER, PH.D., *Associate Professor of Germanic Philology.*

Ph.D., University of Berlin, 1921. Studied at the University of Tübingen, 1911-12; University of Munich, 1912-13; University of Geneva, 1913; University of Paris, 1913-14; University of Munich, 1919; University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28.

ELEANOR GRACE CLARK, PH.D., *Associate in English.*

A.B., Oberlin College, 1918, and M.A., 1918; Ph.D., Bryn Mawr College, 1928. Teacher of English, St. Helen's Hall, Portland, Ore., 1918-20, and the Friends School, Moorestown, N. J., 1922-23; Graduate Student, Bryn Mawr College, 1921-24; Reader in English, 1923-24; Student, University of London, and Helene and Cecil Rubel Foundation Fellow, 1924-25. Reader in English, Bryn Mawr College, 1925-26, and Instructor, 1926-27. Graduate Scholar in English, 1927-28.

THOMAS ROBERT SHANNON BROUGHTON, PH.D., *Associate in Latin.*

A.B., University of Toronto, 1921, and M.A., 1922; Ph.D., Johns Hopkins University, 1928. Student, University of Chicago, spring 1922, and 1923, and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27.

MARLAND PRATT BILLINGS, PH.D., *Associate and Associate Professor-elect of Geology.*

A.B., Harvard University, 1923; M.A., 1925; and Ph.D., 1927. Assistant in Geology, Harvard University, 1922-25, and Instructor in Geology, 1925-28.

JEAN M. F. CANU, *Agrégé de l'Université, Associate Professor of French.*

Paris, France. *Licencié-ès-lettres*, 1917, and *Agrégé de l'Université*, University of Paris, 1920. Professor, the Lycée of Algiers, 1920-21, the Lycée of Beauvais, 1921-23, the Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28.

HARRY HELSON, PH.D., *Associate Professor of Experimental Psychology.*

A.B., Bowdoin College, 1921; M.A., Harvard University, 1922, and Ph.D., 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28.

ELEANOR LANSING DULLES, PH.D., *Associate in Social Economy and Social Research.*

A.B., Bryn Mawr College, 1917, and M.A., 1920; Ph.D., Radcliffe College, 1926. Relief Worker in Paris, 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gembly, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22, and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28.

DOROTHEA EGLESTON SMITH, PH.D., *Lecturer and Associate-elect in Physiology and Biochemistry.*

A.B., Radcliffe College, 1913; M.A., 1924; and Ph.D., 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27.

* Granted leave of absence for the year 1929-30 to hold Guggenheim Fellowship in Italy.

ERNEST WILLOUGHBY, A.R.C.M., *Instructor and Associate-elect in Music*. Hereford, England. A.R.C.M., London, 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society, and Hereford Musical Festival.

MARGUERITE LEHR, Ph.D., *Instructor and Associate-elect in Mathematics*. A.B., Goucher College, 1919; Ph.D., Bryn Mawr College, 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22; Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow, and Student, University of Rome, 1923-24.

MARY SUMMERFIELD GARDINER, Ph.D., *Instructor in Biology and Assistant to the Dean and Associate-elect in Biology*.

A.B., Bryn Mawr College, 1918, M.A., 1924 and Ph.D., 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24, and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1921-24 and 1925-27; Graduate Student, University College, London, 1924-25.

ROBERT ELSON TURNER, M.A., D.U.P., *Associate-elect in French*.

A.B., University of Washington, 1923, and M.A., 1924; D.U.P., University of Paris, 1926. Teaching Fellow, University of Washington, 1923-24, and Instructor, University of Pennsylvania, 1926-29.

RALPH STEWART, Ph.D., *Associate-elect in Geology*.

A.B., University of Washington, 1923; Ph.D., Johns Hopkins University, 1928. Graduate Student, University of California, 1923-25; Research Worker, Academy of Natural Sciences, Philadelphia, 1925-26 and Semester II, 1928-29; Student Assistant and Graduate Student, Johns Hopkins University, 1926-28.

ENID GLEN, Ph.D., *Associate-elect in English*.

A.B., University of Manchester, 1923; University Teachers' Diploma, 1924, and Ph.D., 1926. Graduate Scholar in English, University of Manchester, 1923-24, and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29.

CAMILLO P. MERLINO, Ph.D., *Associate-elect in Italian*.

Ph.D., Harvard University. Instructor in the Romance Language Department, University of California, 1928-29.

BEVERIDGE JAMES MAIR, Ph.D., *Lecturer in Chemistry*.

A.B., University of Alberta, 1924; Ph.D., Harvard University, 1928. Part-time Student and part-time Assistant in Chemistry, Harvard University, 1924-28.

NATALIE GIFFORD, Ph.D., *Lecturer in Greek*.

A.B., Radcliffe College, 1918; M.A., 1927, and Ph.D., 1928. Teacher in public schools, 1918-20; Student in the School of Education, Harvard University, 1920-21; Teacher in the High School, Wayland, Massachusetts, 1921-22 and 1923-24; Charles Eliot Norton Fellow, American School at Athens, 1922-23; Instructor in Greek, Smith College, 1924-26; Student, Radcliffe College, 1926-28.

LOUISE ADAMS HOLLAND, Ph.D., *Lecturer in Latin*.

A.B., Barnard College, 1914; M.A., 1915; Ph.D., Bryn Mawr College, 1920. Instructor in Latin, Smith College, 1918-21, and Assistant Professor of Latin, 1921-24, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27.

KATHARINE GARVIN, M.A., *Instructor and Lecturer-elect in English*.

A.B., Oxford University, 1926, and M.A., University of Michigan, 1927. Riggs Fellow, the University of Michigan, 1926-27.

EDWARD STAUFFER KING, M.F.A., *Lecturer-elect in the History of Art, Semester II*.

A.B., Princeton University, 1923, and M.F.A., 1928. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25, and Instructor in the History of Art, 1925-26. Graduate Student, Princeton University, 1926-28. Holder of a Guggenheim Fellowship and student in France, 1928-29.

CLARENCE LEUBA, M.A., *Lecturer-elect in Psychology*.

A.B., Haverford College, 1919; M.A., Harvard University, 1920; Ph.D., Syracuse University (to be conferred), June, 1929. Member of the Friends Relief Committee in Germany, 1921-22; Graduate Student, Harvard University, 1922-23; in business, 1923-27; Instructor in Psychology, Syracuse University, 1928-29.

CHARLES H. MORGAN, Ph.D., *Lecturer-elect in Archaeology.*

A.B., Harvard University, 1924, M.A., 1926, and Ph.D., 1928. Tutor and Assistant in Fine Arts, Harvard University, 1924 to January, 1927; Holder of the John Harvard Fellowship (studying abroad), Semester II, 1926-27; Student, the American School of Classical Studies at Athens, 1928-29.

JULIAN SMITH DUNCAN, M.A., *Lecturer-elect in Economics and Politics.*

A.B. and M.A., University of Mississippi; B.S., Emory University. Graduate Student in Economics, Columbia University, and Part-time Instructor, Columbia University and the American Institute of Banking, Semester I, 1928-29; Instructor, Hunter College, Semester II, 1928-29.

BARRETT H. CLARK, *Non-resident Lecturer in English.*

Student, University of Chicago, 1908-09 and 1911-12, and University of Paris, 1910. Actor and Assistant Stage Manager with Mrs. Fiske, 1912-13; Instructor in Drama, Chautauqua, New York, 1909-17; Literary Editor for Samuel French and Dramatic Editor of *Drama Magazine*.

ANNA JOHNSON PELL-WHEELER, Ph.D., *Non-resident Lecturer in Mathematics.*

A.B., University of South Dakota, 1903; M.S., University of Iowa, 1904; M.A., Radcliffe College, 1905; Ph.D., University of Chicago, 1910; Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14, and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics, Bryn Mawr College, 1918-25 and Professor of Mathematics, 1925-27.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B., Oberlin College, 1912; M.A., University of Chicago, 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D.C., 1918-19; Director, Department of Research and Investigation, Women's Coöperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925-28.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B., Bryn Mawr College, 1898, and M.A., 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99, and 1904-06, and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College, and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B., Radcliffe College, 1914; M.A., University of California, 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19, and Graduate Student, 1916-17.

ABBY KIRK, A.B., *Instructor in Elementary Greek.*

A.B., Bryn Mawr College, 1892. Reader in English, Bryn Mawr College, 1892-98; Associate Principal and Teacher of English and Classics, the Misses Kirk's School, Bryn Mawr, 1899—.

SALLY HUGHES SCHRADER, Ph.D., *Instructor in Biology, Semester I.*

Pacific University, 1913-15; B.S., Grinnell College, 1917; Ph.D., Columbia University, 1924; Instructor in Zoölogy, Grinnell College, 1918-19, and Lecturer in Zoölogy, Barnard College, 1920-21.

MARTHA MEYSENBURG DIEZ, M.A., *Instructor in German.*

A.B., University of Texas, 1918; M.A., Bryn Mawr College, 1928.

HORTENSE FLEXNER KING, M.A., *Instructor in English.*

A.B., University of Michigan, 1907; M.A., 1910.

MARGARET STORRS, A.B., *Instructor in English.*

A.B., Smith College, 1922. Reader in Philosophy and Psychology and Graduate Student, Bryn Mawr College, 1922-23, and Graduate Scholar in Philosophy, 1923-24; Graduate Student, University College, London, 1924-25; Non-resident Fellow in Philosophy, Bryn Mawr College, 1925-26, and Fellow by Courtesy, 1926-27.

MIRIAM GRUBB BROWN, A.B., *Instructor in Italian.*

A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27.

CECELIA IRENE BAECHLE, M.A., *Instructor in Education.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seiler School, Harrisburg, Pa., 1914, in the High School, York, Pa., 1914-19, and in the Thorne School, 1919—.

MARGARET DENT DAUDON, A.B., *Instructor in French.*

A.B., Bryn Mawr College, 1920.

RUTH J. HOFRICHTER, Ph.D., *Instructor in German.*

Ph.D., University of Heidelberg, 1921. Head of Modern Language Department, Midland College, Nebraska, 1922-25; Assistant in the German Department, University of Nebraska, 1927.

LETITIA J. H. GRIERSON, M.A., *Instructor in English.*

B.A., University of Edinburgh, 1923 and M.A., 1924. Graduate Student, University of Cambridge, 1924-26. Assistant in the English Department, Edinburgh University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28.

EDITH FINCH, M.A., *Instructor in English.*

A.B., Bryn Mawr College, 1922. B.A., Oxford University, 1924, and M.A., 1928. Reader in English, Bryn Mawr College, 1924-25; Student in Paris with Professor Lucien Foulet, 1925-26; Graduate Student, Bryn Mawr College, 1926-27.

MARIE H. SCHNIEDERS, A.B., *Instructor in German.*

A.B., Barnard College, 1927. Teacher, New York City High School, 1927-28.

CHARLOTTE FINKENTHAL, A.B., *Instructor in German.*

A.B., Western Reserve University, 1925. Instructor in German and French, Cleveland High School, 1925-28.

FRANCES MARGUERITE CLARKE, Ph.D., *Instructor and Research Assistant-elect in Education.*

A.B., Barnard College, 1924; M.A., Columbia University, 1925, and Ph.D., 1928. Graduate Student, Columbia University, 1924-25; Instructor, Bradford Academy and Junior College, 1925-26; Research Student, British Museum and Public Record Office of London, 1926, 1927; Graduate Student, Columbia University, 1926-28; Assistant in History of Education, Teachers College, 1926-28, and Instructor in History and Principles of Education, Montessori Normal School, Child Education Foundation Training School, New York, 1927-28.

HENRY HOWES PIXLEY, M.A., S.M., *Instructor in Mathematics.*

A.B., Stetson University, 1923, and M.A., 1924; S.M., University of Chicago, 1927. Instructor in Mathematics, Georgia School of Technology, 1924-26; Instructor in Mathematics, Rutgers University, 1927-28.

IVY CAROLINE ROBBINS, Ph.D., *Instructor in History, Semester II.*

B.A., University of London, 1924; Ph.D., 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28.

MYRA RICHARDS JESSEN, A.B., *Instructor-elect in German.*

A.B., Bryn Mawr College, 1915. Graduate Student, Bryn Mawr College, 1919-20, 1922-24; Teacher, Friends' Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College, 1923-28. Anna Otten-dorfer Memorial Research Fellow, 1923-29.

EDITH FISHTINE, A.B., *Instructor-elect in Spanish.*

A.B., Boston University, 1925. Student, University of Paris, 1925-26; Teacher of Spanish, Donald McKay Junior High School, Boston, and Cambridge Haskell School, 1926-27, and Graduate Student, Radcliffe College, Semester II, 1926-27; Instructor in Spanish and Graduate Student, Bryn Mawr College, 1927-28; Fellow in Spanish, 1928-29.

ROSE LUCILE ANDERSON, A.B., *Instructor-elect in Mathematics.*

A.B., Mount Holyoke College, 1922. Graduate Scholar in Mathematics, Bryn Mawr College, 1922-23, Fellow in Mathematics, 1923-24, and Fellow by Courtesy, 1924-25. Holder of the Mary E. Garrett European Fellowship and Student, University of Cambridge, 1925-26. Instructor in Mathematics, University of Rochester, 1927-28; Instructor in Mathematics, Hunter College, 1928-29.

LILIAN RUTH DAVIDSON, M.A., *Instructor-elect in German.*

A.B., Hunter College, 1928; M.A., New York University (to be conferred), 1929.

ELEANOR ALICE ROSSBACH, M.A., *Assistant-elect in German.*

A.B., Ohio State University, 1926, and M.A., 1928. Associate in German, Ohio State University, 1928-29.

JANET SEELEY, A.B., *Reader in Psychology*.
A.B., Bryn Mawr College, 1927.

MAUDE M. FRAME, A.B., *Reader in Philosophy*.
A.B., University of Pennsylvania, 1927.

MARGARETTA MATHILDA SALINGER, A.B., *Reader in History of Art*.
A.B., Bryn Mawr College, 1928.

ELLENOR MORRIS, A.B., *Reader-elect in History of Art*.
A.B., Bryn Mawr College, 1927.

ELEANOR LOWENSTEIN, *Reader-elect in Psychology*.
A.B., Cornell University (to be conferred) June, 1929.

CHARLOTTE EDNA WEBSTER, M.A., *Demonstrator in Geology*.
A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar in Geology and Assistant in Geology, Oberlin College, 1926-28.

JANE FRANCES FAISSLER, A.B., *Demonstrator in Psychology*.
A.B., University of Illinois, 1926. Scholar in Psychology, Bryn Mawr College, 1926-27, and Fellow in Psychology, 1927-28.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication*.
A.B., Bryn Mawr College, 1903.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College*.
A.B., University of Toronto, 1912; B.Sc., Simmons College, 1917.

DOROTHY MACDONALD, A.B., *Assistant to the President*.
A.B., Bryn Mawr College, 1917.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian*.
A.B., University of Illinois, 1909; B.L.S., New York State Library School, 1904. Librarian, The Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12.

MARY LOUISE TERRIEN, A.B., *Circulation and Reference Librarian*.
A.B., Smith College, 1905. Simmons College Library School, Boston, Mass., 1914-15.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer*.
A.B., Radcliffe College, 1905; B.S., Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28.

MAE EDNA LITZENBERGER, A.B., B.S., *Assistant Cataloguer*.
A.B., Mount Holyoke College, 1924; B.S., Simmons College, 1925.

MAUDE LOIS HASKELL, A.B., B.S., *Assistant Cataloguer*.
A.B., Mount Union College, 1927; B.S. in L.S., School of Library Science, Western Reserve University, 1928.

EDITH ARMSTRONG WRIGHT, A.B., B.S., *Assistant to the Circulation and Reference Librarian*.
A.B., Mount Holyoke College, 1927, B.S. in L.S., Drexel Institute, 1928.

HALLS OF RESIDENCE

FRIEDRIKA MARGRETHE HEYL, A.B., *Warden of Radnor Hall*.
A.B., Bryn Mawr College, 1899. Teacher of German and Student, State Normal School, Fredonia, N. Y., 1899-1900; Teacher, the Balliol School, Utica, N. Y., 1900-01, and Secretary, 1901-08; Warden of Merion Hall, Bryn Mawr College, 1908-10; Assistant to the Dean of Women, Michigan Agricultural College, 1916-18; Secretary to the Adviser of Women, Cornell University, 1918-20.

JOSEPHINE McCULLOCH FISHER, A.B., *Head Warden of Pembroke Hall*.
A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27.

KATHERINE MARY PEEK, A.B., *Warden of Merion Hall*.
A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27.

ESTHER LOWREY RHOADS, A.B., *Warden of Wyndham.*

A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager of the *Alumnae Bulletin* and Graduate Student, Bryn Mawr College, 1924-26. Student in Paris, 1926-27.

HELEN BOND CRANE, M.A., *Warden of Denbigh Hall.*

A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Student, National School of the Young Woman's Christian Association, New York City, 1912; Secretary, Y. W. C. A., Foochow, China, 1913-16; Associate Educational Secretary, Student Volunteer Movement, 1919-24; Research and Editorial Worker, 1926-28.

JULIA WARD, A.B., *Warden of Rockefeller Hall.*

A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27. Warden of East House, 1924-25; of Rockefeller Hall, 1925-27. Holder of Fanny Bullock Workman European Fellowship, 1927-28.

GRACE EVANS RHOADS, A.B., *Assistant Warden of Pembroke Hall.*

A.B., Bryn Mawr College, 1922. Teacher of English, Wilmington Friends' School, Wilmington, Del., 1926-27. Graduate Student in Education, Columbia Teachers' College, summer, 1925, and at the University of Geneva (Institute of Higher International Studies), Geneva, 1927-28.

KATHARINE ELISE MCBRIDE, M.A., *Warden-elect of Wyndham.*

A.B., Bryn Mawr College, 1925 and M.A., 1927. Reader in Psychology, Semester I, and Demonstrator in Educational Psychology, Semester II, 1925-27. Graduate Student in Psychology, Columbia University, 1928-29.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident-elect of Radnor Hall.*

A.B., Bryn Mawr College, 1920, and M.A., 1921.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; and Columbia University, summer, 1928.

JANET SEELEY, A.B., *Instructor in Physical Education.*

A. B., Bryn Mawr College, 1927.

HEALTH DEPARTMENT

HELEN TAFT MANNING,* Ph.D., *Head of Health Department, Semester I.***MARGARET MILLICENT CAREY, Ph.D., *Head of Health Department, Semester II.*****MARION EDWARDS PARK, Ph.D., *Ex-officio.*****THOMAS F. BRANSON, M.D., *Physician-in-Chief.***

A.B., Haverford College, 1889; M.D., University of Pennsylvania, 1892. Attending Physician, Bryn Mawr Hospital.

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B., Bryn Mawr College, 1918; M.D., University of Pennsylvania, 1922. Interne, Philadelphia General Hospital, 1920-24.

JOSEPHINE PETTS, *Director of Physical Education.*

* Granted leave of absence for the second semester of the year 1928-29.

HELEN MURPHY, M.D., *Examining Oculist.*

M.D., Woman's Medical College of Pennsylvania, 1893. Assistant Demonstrator in Histology, Woman's Medical College of Pennsylvania, 1894-96; Instructor in Materia Medica, 1896-1902; Instructor in Diseases of the Eye, Philadelphia Polyclinic and College for Graduates in Medicine, 1895-97.

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

MARION MITCHELSON, *Director of Halls.*

Hall Manager, Pembroke Hall, Bryn Mawr College, 1923-28

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

PHEBE ANNA THORNE SCHOOL

1928-29

AGNES LOW ROGERS, Ph.D., *Director.*

M.A., St. Andrews University, Scotland, 1908; Ph.D., Columbia University, 1917. Graduate in Honours, Moral Science Tripos, University of Cambridge, 1911; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow and Assistant in Philosophy of Education, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25. Professor of Education and Psychology, Bryn Mawr College.

FRANCES BROWNE, A.B., *Head Mistress.*

A.B., Bryn Mawr College, 1909. Teacher, Organic School for Education, Fairhope, Ala., 1913-14; Phebe Anna Thorne School, 1914-15, City and Country School, New York City, 1915-19, Primary School, Cleveland, O., 1921-22, and Head of the Frances Browne School, New York City, 1922-23.

CECELIA IRENE BAECHE, M.A., *Assistant Head Mistress and Head of the English Department.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher, the Seiler School, Harrisburg, Pa., 1914, and the High School, York, Pa., 1914-19.

MARY KATHARINE WOODWORTH, M.A., *Assistant Teacher of English.*

A.B., Bryn Mawr College, 1924, and M.A., 1927. Student, Johns Hopkins University, and Teacher of English, Bryn Mawr School, Baltimore, 1924-25. Graduate Student in English, Bryn Mawr College, 1925-29.

CHEVES WEST PERKY, Ph.D., *Teacher of Painting, Drawing, Modeling and Crafts.*

B.S., Teachers College, New York City, 1901. Teacher, the Horace Mann School, 1901-02; Teacher, St. Agnes' School, Albany, N. Y., 1902-04; Student, Cornell University, 1904-08, and Ph.D., 1918; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25.

ANNIE BRAME, M.A., *Teacher of Mathematics and Physics.*

A.B., Randolph-Macon Woman's College, 1914. M.A., Columbia University, 1925. Student, University of Virginia, summers 1916, 1920; Columbia University, summer 1923; winter 1924-25. Teacher, the High School, Camden, Ark., 1914-18; High School, Texarkana, Ark., 1918-19; High School, Lexington, Va., 1919-24; High School, Succasunna, N. J., 1925-26.

CHARLOTTE ERWIN RENSHAW, *Teacher in Primary Department.*

Kindergarten and Primary Certificate, Wheelock Training School, Boston, Mass., 1925.

MARGARET R. REINHOLD, A.B., *Assistant Teacher of Arithmetic.*

A.B., Sweet Briar College, 1926. Student, University of Pennsylvania, summer, 1926. Graduate Student, Bryn Mawr College, 1927-29.

PAULINE S. RELYEA, A.B., *Teacher of History.*

A.B., Smith College, 1924. Teacher, the Easthampton High School, Easthampton, Mass., 1924-26; Reader in American History, Smith College, 1925-26; Teacher, the Rome Senior High School, Rome, N. Y., 1926-27. Graduate Student, Bryn Mawr College, 1927-29.

SAMUEL ARTHUR KING, M.A., *Teacher of Reading.*

London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College.

HENRIETTA WAGNER HORTER, *Teacher of Music.*

Teacher of Music and Assistant Director, Leschetizky School of Music, Philadelphia, 1921-25.

EVE ALGER BRILL, B.S., *Teacher of the Pre-School Class.*

B.S., Teachers College, Columbia University, 1928. Student, Ursinus College, 1922-24; Pennsylvania School of Social and Health work, 1925-27; Teachers College, Nursery School Department, Columbia University, 1927-28. Case Worker, Family Society of Philadelphia, 1925-27. Graduate Student, Bryn Mawr College, 1928-29.

EVALYN M. PAXSON, A.B., Assistant Teacher of Class I.

A.B., Vassar College, 1924; Graduate Student, University of Pennsylvania, summer of 1924. Teacher of Third Grade, Germantown Friends' School, 1924-26, and of Fourth Grade, 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

JEANNE MARIE LOUISE CHARLES, Baccalauréat, Teacher of French.

Baccalauréat Latin—Langues Vivantes, Sorbonne, 1922, and Philosophie, 1924; Brevet d'enseignement de l'Académie de Paris, 1918; Ecole de Droit, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

MARGARET DENT DAUDON, A.B., Teacher of French.

A.B., Bryn Mawr College, 1920.

DOROTHY ELLENE ILLSLEY, Primary Teacher.

Student, Provincial Normal College, Truro, Nova Scotia, 1917, North Sydney School, Nova Scotia, 1918-23, and Port Williams School, Nova Scotia, 1925-27. Graduate Student in Primary Education, Columbia University, summer, 1928.

GERTRUDE E. MALZ, Ph.D., Teacher of Latin.

A.B., Swarthmore College, 1923; M.A., University of Wisconsin, 1924, and Ph.D., 1928; Assistant in Latin, University of Wisconsin, 1924-25; Instructor in Latin, University of Cincinnati, 1925-26; Fellow in Greek, University of Wisconsin, 1926-28. Graduate Student, Bryn Mawr College, 1928-29.

LILY DALLAN TOWNSEND, Teacher of Geography.

Student, Hollins College, Va., 1906; Teacher of Dramatics and Physical Education, Miss Ellet's School (now St. Catherine's School), Richmond, Va., 1906-10; Teacher of English and Fourth Grade, Springside School, Chestnut Hill, Pa., 1918-21; Director of the Garden Country Day School, Long Island, N. Y., 1923-25.

DORIS WULFF, A.B., Teacher of Eurhythmics.

A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute, Geneva, Switzerland, 1928. Graduate Student, Bryn Mawr College, 1928-29.

JOSEPHINE TOWNSEND MILLER, Teacher of the Connecting Class.

Primary Assistant and Office Assistant, The Phebe Anna Thorne School, 1924-25, 1926-28.

MARGARETTA C. FRETZ, Teacher in the Primary School.

Graduate, Miss Wheelock's Training School, Boston, 1925; Student, London County Council School and University of London, 1927-28. Teacher of History, Miss Wheelock's Training School, 1925-27. Teacher of work in the primary grades, Miss Wheelock's Training School, 1925-26.

RUTH M. COLLINS, A.B., Apprentice Teacher in English.

A.B., Mills College, 1927. Graduate Student, University of California, 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

JOSEPHINE PETTS, Teacher of Gymnastics and Sports and Games.

Graduate of Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Central School of Hygiene and Physical Education, New York, 1919-22; Teachers College, Columbia University, 1922-28.

JANET SEELEY, A.B., Gymnasium Assistant.

A.B., Bryn Mawr College, 1927.

MARNA V. BRADY, M.A., Gymnasium Assistant.

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; Columbia University, summer, 1928.

JOHN MCK. MITCHELL, M.D., Physician of the Thorne School.

B.A., Trinity, 1920. M.D., Yale University, 1924. Instructor in Pediatrics, Yale University School of Medicine and Resident in Pediatrics, New Haven Hospital, 1925-26. Instructor in Pediatrics, University of Pennsylvania School of Medicine, 1927—. Assistant Visiting Pediatrician, University of Pennsylvania Hospital, 1927—.

E. LOUISE HAMILTON, Ph.D., Assistant Director of the Educational Clinic.

B.S., Cincinnati College for Women, 1925; M.A., Columbia University, 1926 and Ph.D., 1928. Graduate Student, Columbia University, 1925-28; and Assistant in Psychology, 1926-27. Clinical Psychologist, N. Y. Post-Graduate Hospital, 1927-28.

HELEN MAITLAND WEBB, Secretary of the Thorne School.

Registrar, Northwood School, Lake Placid Club, N. Y., 1926-28.

DOROTHY E. LUTZ, Assistant in the Offices of the Thorne School.

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY 1929-30

Faculty Representatives on the Board of Directors

PROFESSOR GRAY
PROFESSOR G. G. KING*
PROFESSOR DONNELLY

Committee on Appointments

PROFESSOR CRENSHAW
PROFESSOR T. DE LAGUNA*
PROFESSOR TENNENT
PROFESSOR SCHENCK
PROFESSOR TAYLOR

Committee on Nominations

PROFESSOR HART
PROFESSOR CRANDALL
PROFESSOR TENNENT

Committee on Curriculum

PRESIDENT PARK, *Chairman*
PROFESSOR DONNELLY
PROFESSOR WIDDER
PROFESSOR HUFF
PROFESSOR G. DE LAGUNA
PROFESSOR WELLES
PROFESSOR SWINDLER

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR GILLET
DR. DULLES
PROFESSOR FIESER

Committee on Libraries

PROFESSOR TENNENT
PROFESSOR CADBURY
PROFESSOR WHITE

Committee on Laboratories

PROFESSOR TENNENT
PROFESSOR BILLINGER
PROFESSOR HELSON

Committee on Schedules

ACTING DEAN CAREY, *Chairman*
PROFESSOR HART
PROFESSOR BARNES
PROFESSOR BALLOU

Committee on Entrance

Examinations

PRESIDENT PARK†
ACTING PRESIDENT MANNING
Chairman
MISS GAVILLER, *ex-officio*
PROFESSOR ROGERS
PROFESSOR TAYLOR
PROFESSOR M. DIEZ
PROFESSOR SCHRADER
PROFESSOR DAVID

Committees on Language Examinations

French—

DR. GILMAN
PROFESSOR HERBEN
DR. DULLES

German—

PROFESSOR M. DIEZ
PROFESSOR E. DIEZ
DR. BROUGHTON

Committee on Housing

PROFESSOR SWINDLER
PROFESSOR BARNES
PROFESSOR G. G. KING

* Substitute for Professor Chew.

† Granted leave of absence for the year 1929-30.

STANDING COMMITTEES OF THE ACADEMIC COUNCIL
1929-30

*Committee on Graduate
Students*

PRESIDENT PARK*
ACTING PRESIDENT MANNING
Chairman
DEAN SCHENCK, *ex-officio*
PROFESSOR G. DE LAGUNA
PROFESSOR WIDDER
PROFESSOR SCHRADER

*Committee on Graduate
Courses*

PRESIDENT PARK*
ACTING PRESIDENT MANNING
Chairman
PROFESSOR DONNELLY
PROFESSOR CADBURY
PROFESSOR CRENSHAW

Committee on Learned Publications

PRESIDENT PARK*
ACTING PRESIDENT MANNING, *Chairman*
PROFESSOR GRAY
PROFESSOR TENNENT
PROFESSOR SWINDLER

STANDING COMMITTEES OF THE SENATE
1928-29

Executive Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, † *ex-officio*
PROFESSOR W. R. SMITH
Secretary ex-officio
PROFESSOR BARNES‡
PROFESSOR M. P. SMITH
PROFESSOR SCHENCK

Judicial Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, † *ex-officio*
PROFESSOR SCHENCK
PROFESSOR FENWICK
PROFESSOR HUFF

* Granted leave of absence for the year 1929-30.

† Acting Dean Carey substitute for Dean Manning, Semester II.

‡ Substitute for Professor Crenshaw.

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live, and will at any time be glad to answer questions about the college.

CALIFORNIA:

SAN FRANCISCO: MRS. COLIS MITCHUM, *100 Locust Street.*
MRS. CHARLES PRICE DEEMS, *1666 Bush Street.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.

NEW HAVEN: MRS. CHARLES MCLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*

MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Avenue.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *1004 Cathedral Street.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*

CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*

FALL RIVER: MRS. RANDALL NELSON DUFFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MISSOURI:

KANSAS CITY: MRS. CLARENCE MORGAN HARDENBERGH, *3710 Warwick Boulevard.*

ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*

UTICA: MRS. ARTHUR PERCY SAUNDERS, *Clinton.*

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*

CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne, Sewickley.*

MRS. CAROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

UTAH:

SALT LAKE CITY: MISS KATE WILLIAMS, *177 13th East Street.*

WISCONSIN:

MADISON: MRS. MOSES STEPHEN SLAUGHTER, *633 Francis Street.*

ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London.*



THE UNDERGRADUATE SCHOOL



THE UNDERGRADUATE SCHOOL

The undergraduate school offers courses in ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. The full course of study covers four years and leads to the Bachelor of Arts degree.

Admission of Undergraduate Students

1. All candidates for admission to Bryn Mawr College must pass without qualification certain of the matriculation examinations conducted by the College Entrance Examination Board in accordance with the Board's Plan A. The New Plan (Plan B) is not accepted. The policy of the college is to try to select from among the candidates for admission those of the highest promise; evidences of character and of general ability are therefore required and are carefully considered in relation to scholastic records and examination grades.

*Admission
by
Examina-
tion*

2. Each candidate for admission to Bryn Mawr College must make a formal application. Forms comprising a personal questionnaire, health certificate to be signed by the candidate's physician, and an agreement as to the payment of fees and the observing of college regulations, must be obtained from the Secretary and Registrar. These forms may be obtained after March 15th of the year of entrance and must be filled out and returned to the Secretary and Registrar before May 15. A form for the candidate's school record is sent directly to the principal of her school.

Application

3. If possible, application for rooms, accompanied by the fee of fifteen dollars payable to Bryn Mawr College, should be made as soon as the year of entrance is definitely known by the candidate. In case of doubt it is well to make application for two consecutive years by sending a fee of thirty dollars. Such application does not entitle the candidate to definite assignment of a room until after she has been officially notified in July by the Secretary and Registrar of her admission to college. At this time she will be given a room as nearly as possible in order of her application and with regard to her preference as to room, hall, and rent.

*Room
Application*

4. Candidates for admission to Bryn Mawr College upon honourable dismissal from a college or university whose graduates are eligible for national membership in the American Association of University Women, must present credits equal to the Bryn Mawr College requirements for matriculation. They must, moreover, present a certificate of honourable dismissal and an official statement that they have studied in regular

*Honourable
Dismissal*

college classes for one college year, that they have passed examinations covering at least one year of academic work in a regular college course leading to the degree of Bachelor of Arts, that they are in good standing in said college, and that they would be able to take their degree there in due course.

For some years, however, precedence in admission has been given to candidates who have taken the regular examination for matriculation.

Students of other colleges who have outstanding conditions, or have otherwise failed to meet prescribed standards of academic work, or have been put on probation, have been suspended or excluded, will under no circumstances be admitted to Bryn Mawr College. Such students may not cancel their college work elsewhere, offer the Bryn Mawr College requirements for matriculation and enter Bryn Mawr as Freshman.

Students presenting certificates of honorable dismissal from any college or university not eligible for national membership in the American Association of University Women must take the regular examination for matriculation required by Bryn Mawr. Unless such students inform the Secretary and Registrar of the College at the time of filing their application for examination that they have studied at another college, they will not receive permanent credit.

Hearers

5. Women over twenty-five years of age are admitted as "hearers" without matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly distinguished from regularly matriculated students and must obtain permission from each instructor to attend recitations, examinations, and laboratory exercises; they must satisfy their various professors that they can profit by their elected courses. Hearers are not, strictly speaking, recognized by the college; they are not eligible for degrees, and may receive only such certificates of collegiate study as their various instructors see fit to give.

Matriculation Examinations

The subjects chosen by the college for matriculation examination are counted as 15 points. Candidates may take such examinations in one or in two "divisions." A division consists of one or more examinations taken in a single examination period. If two divisions are taken they must not be separated by more than one calendar year. Any number of subjects may be offered in one division; an entire division may be cancelled and repeated any number of times.

Permanent Credit

"Permanent Credit" is given to candidates who, having offered for examination all the required subjects in one or two divisions, have received a grade of "Passed" (60 per cent or over) in at least 12 of the required 15 points. "Permanent Credit" enables candidates to remove conditions at any time before entering the college by passing the corresponding examinations given by the College Entrance Examination Board.

Candidates not receiving "Permanent Credit" are considered to have cancelled one division and therefore must be examined again in all of the points of the cancelled division.

The autumn examinations of the College Entrance Examination Board are held at Bryn Mawr College beginning on the third Monday of September solely for the purpose of removing conditions. Application for these examinations, accompanied by a fee of \$5 for each condition examination, must be made to the Secretary and Registrar of the college before September 1.

APPLICATION FOR COLLEGE ENTRANCE BOARD EXAMINATIONS

Examination of June 16-21, 1930

The week of examinations begins annually on the third Monday in June; the autumn condition examinations start on the third Monday in September.

Application blanks for the examinations should be obtained from the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, N. Y.

A standard fee of \$10.00, remitted by postal order, express order, or draft on New York, should accompany each application.

In order to facilitate the holding of examinations in the various centers, all applications should be filed at the earliest possible date. Applications for examination *must* reach the Secretary of the Board:

For examination east of or on the Mississippi River: on or before Monday, May 26, 1930. For examination elsewhere in the United States or Canada: on or before Monday, May 19, 1930.

For examination outside the United States and Canada except Asia: on or before Monday, May 5, 1930.

For examination in Asia: on or before Monday, April 21, 1930.

If a candidate fails to obtain the regular application blank, the usual examination fee arriving before the specified date will be accepted provided that it is accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a complete list of the subjects in which she expects to be examined.

Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination of the candidate, but only upon the payment of an additional fee of \$5.00.

The designation of the center to which the candidate will go for examination is regarded as an essential part of her application. Requests that examinations be held at particular points should be sent to the Secretary of the Board not later than February 1. A list of examination centers will be published about March 1.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage in the local public schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test later than 9.00 A.M.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published by the College Entrance Board annually about December 1. Every candidate is advised to become familiar with these requirements. Upon request a single copy will be sent

*Application
for College
Entrance
Board
Examina-
tions*

to any teacher free of charge; in general a charge of twenty-five cents, which may be remitted in postage, will be made.

Candidates wishing to enter Bryn Mawr must state their intention on their application for examination to the College Entrance Board. Since the college recognizes only examinations definitely offered in a first or second division, those who take the examination for practice purposes only, before the regular first and second divisions, are asked not to state to the College Entrance Board their intention to enter Bryn Mawr College. When application for examination in a regular first or second division is made the section of the application blank (School recommendation—Form E), should be sent promptly to the Secretary and Registrar of the College so that any necessary correction may be made. All candidates for admission to Bryn Mawr College, on receipt of their reports of examination from the College Entrance Examination Board, must forward them to the Secretary and Registrar; failing the receipt of the report from the candidate herself the College will take no action upon her application for admission.

SUBJECTS OF EXAMINATION FOR MATRICULATION

	<i>Subjects</i>	<i>College Entrance Board Examinations</i>	<i>Points</i>
<i>Tabular Statement of Subjects Required in Examina- tion for Matricula- tion</i>	Ancient Language*		4
	Latin.....	Latin Cp. 4	
	or Greek.....	Greek Cp. 3	
	and Latin.....	Latin Cp. 2	
	English.....	English Cp....	3
	Mathematics.....		3
	Algebra.....	Mathematics A	
	and Plane Geometry.....	Mathematics C	
	Science†.....		1
	Physics.....	Physics	
	or Chemistry.....	Chemistry	
	History.....		1
	Ancient History‡.....	History A	
	or American History.....	History D	
	Second Foreign Language§.....		3
	French.....	French Cp. 3	
	or German.....	German Cp. 3	
	or Greek.....	Greek Cp. 3	
	Total.....		15

* Candidates wishing to divide the Latin examination may offer Latin Cp. 3 (Prose Authors) or Latin Cp. 3 (Poets) in one division and Latin Cp. H (if already credited with Cp. 3, Prose Authors) or Latin Cp. K (if already credited with Cp. 3, Poets) in the other.

Candidates wishing to divide the Greek examination may offer the Cp. 2 in one division and the Cp. H. in the other.

† See page 35 for note.

‡ See page 35 for note.

§ See page 35 for note.

The Scholastic Aptitude Test should be offered in the final division of examinations.

EXAMINATIONS FOR ADVANCED STANDING

Candidates who wish to enter the college with advanced standing may, in addition to the fifteen points required for matriculation, offer the following subjects: the First Year Course in Latin, Section A and Section B counting as three and two hours a week throughout one year; Trigonometry, counting as two hours a week throughout one semester; Solid Geometry, counting as two hours throughout one semester; elementary Greek, or French or German (provided this was not included in the fifteen points required for matriculation), counting as five hours a week throughout one year.

*Advanced
Standing*

The first year course in Latin may be offered for examination by candidates for matriculation that desire to enter the college with advanced standing, and, at their discretion, by matriculated students without attendance on the college classes provided it is offered not later than the beginning of the student's junior year. The first year is considered for this purpose as comprising two sections. No substitutions are allowed for any part of the following requirements, except in the case of students entering with advanced standing from other colleges.

A. Terence, *Adelphoe* (Sloman's edition, New York, Oxford Press). Catullus, *Select Poems* (all the poems in F. P. Simpson's *Select Poems of Catullus*, Macmillan, New York), Cicero, *De Senectute*, Lucretius, *De rerum natura*, Book I, 1-148, II, 1-58, 600-657, III, 1-93, 931-1052, V, 1-54, 925-1010, 1161-1240 (W. A. Merrill's edition, New York, American Book Company), Horace, Odes I, except 13, 15, 25, 28, 33, 36; II, except 2, 4, 5, 8, 12, 15; III, except 6, 10, 11, 15, 16, 19, 20, 24, 27; IV, except 4-6, 10-13; *Carmen Saeculare*; *Epodes* 2 and 16 only (Shorey-Laing edition of Horace's *Odes and Epodes*, B. H. Sanborn).

† The Teacher's Laboratory Certificate, furnished to the candidate by the College Entrance Examination Board, should be forwarded to the office of the Secretary and Registrar not later than the day for which the science examination is scheduled. Laboratory notebooks should not be submitted to the college.

‡ The college strongly urges that ancient history be offered as the requirement for entrance in history. Knowledge of the civilization of the ancient world is essential both for an appreciation of the Greek and Latin literature as studied in preparatory school and college and for the introductory course in college history, which begins with the downfall of the Roman Empire.

In case the curriculum of the school in which the candidate has received her preparation makes it difficult for the candidate to offer ancient history, American history may be offered instead. If this alternative is adopted, and, if the candidate should in college wish to enter the course in minor history, she will be expected to give evidence of familiarity with ancient history. Such evidence should be either a certificate from her preparatory school that she completed within reasonable time before entering college an adequate course in ancient history and attained in it a satisfactory grade or that she has done suitable private reading in the subject. The private reading will be tested by a brief oral examination.

§ If Greek and Latin are chosen under the heading "Ancient Language," French or German must be offered. Attention is called to the advantage of offering Greek or German as an extra subject for advanced standing. See next page.

B. Letters of Cicero, Abbott (Ginn and Co.), Letters 1, 2, 3, 4, 5, 7, 8, 11, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 31, 39, 41, 42, 45, 47, 49, 53, 54, 55, 56, 57, 58, 59, 61, 63, 64, 68, 69, 74, 75, 76, 83, 90, 91, 92; Pliny, Merrill (Macmillan and Co.), Letters 1, 2, 3, 4, 5, 9, 10, 12, 15, 17, 22, 23, 25, 29, 34, 42, 43, 45, 46, 54, 58, 69, 104, 105; *Petronius, Cena Trimalchionis* Waters, (B. H. Sanborn and Co.), Martial, Epigrams, Post (Ginn and Co.), *Liber Epigrammeton*, 1, 29; I, 1, 2, 3, 4, 9, 10, 12, 15, 20, 27, 29, 32, 33, 41, 43, 47, 53, 61, 70, 72, 75, 76, 79, 85, 89, 93, 103, 117; II, 7, 11, 14, 18, 20, 30, 41, 57, 66, 69, 77, 80, 90; III, 2, 4, 12, 14, 25, 38, 46, 60, 63; IV, 8, 10, 26, 30, 32, 44, 47, 57, 64, 86; V, 13, 24, 34, 37, 39, 43, 49, 56, 58, 69, 81; VI, 8, 35, 63, 70, 82; VII, 36, 48, 54, 59, 79, 83, 86, 92, 96, 99; VIII, 6, 12, 17, 23, 29, 32, 35, 43, 55, 69, 76; IX, 18, 59, 61, 68, 97; X, 20, 25, 30, 35, 48, 61, 62, 83, 96; XI, 18, 52, 84; XII, 21, 31, 67.

There are two examinations, one in Section A and one in Section B, each three hours in length. Students are expected to be familiar with the text, the lives of the authors, the scansion of meters, and the material in the introductions of the various editions. These examinations may be taken in different years, and in the order preferred by the candidate; or one section may be studied in the corresponding college class, and the other offered for examination without attending the class.

The examinations in Latin, Trigonometry and Solid Geometry are held in the first three weeks of the college year and may be taken by a student in her freshman, sophomore or junior year. Examinations in Elementary Greek, French or German may be taken in the College Entrance Examinations in the spring or, by special arrangement with the Secretary and Registrar, in the autumn. They may not be offered later than the autumn of the junior year.

Students who have passed examinations for advanced standing are credited with the equivalent number of hours of college courses and are so enabled to enter at once the more advanced courses to which these are preliminary; they thus secure a larger choice of elective courses or may, at some time in their college course attend, with the consent of the Dean, less than the regular fifteen hours a week of lectures. Students may also secure credit for elective courses in Modern Languages by passing certain examinations in French, German, Italian and Spanish which may be taken only in the first three weeks after entering the college. In no case, however, is it possible by passing examinations for advanced standing to shorten the required four years of study necessary for the bachelor's degree.

GENERAL REGULATIONS

Residence in the college buildings is required of all undergraduate students except those who live with their families in Philadelphia or the vicinity.

Residence

Every student enrolled is required to register with the Comptroller. Freshmen and graduate students are required to register also with the Secretary and Registrar. This registration must be completed before 8.45 A.M. on the first day of lectures. The Dean of the College is academic advisor to all undergraduate students and every undergraduate student consults the Dean of the College in regard to the planning of her academic work, and registers her chosen courses with the Dean of the College before entering upon college work.

Registration

The members of the entering class are asked to come into residence four days before the college is opened to returning students. They are received by the Wardens of the various halls and a Reception Committee of upper classmen. Appointments with the President of the College, who wishes to interview all new students, should be made promptly at the office of the Secretary and Registrar and appointments with the Dean should also be made. These interviews with the President and the Dean begin immediately, and registration of courses is concluded before the college year officially opens. The new students are made familiar with the intricacies of the library, take their tests, their medical and physical examinations, and become at home in the college before the stress of the first days of academic work.

*Freshman
Week*

The Student's Association for Self-Government, organized in 1892, controls the conduct of the students in all matters except those which are purely academic and which affect the management of the halls of residence, or the student body as a whole. All undergraduate students of Bryn Mawr College are members of this association.

Conduct

The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable; in such cases the fees due or already paid to the college will be neither refunded nor remitted in whole or in part.

*College
Regulations*

In case of emergency the college assumes the right to take all responsibility.

Regular attendance at classes is expected of all undergraduates; an unreasonable number of unexcused absences will be penalized.

Attendance

The absolute integrity of all work is demanded of every student. No student shall give or receive any assistance in an examination or written quiz or hold any communication with another student. The rules governing written work are published for each freshman and are publicly announced at the beginning of each semester and before each examination period. Any infraction of the rules, regardless of motive, or any action contrary to their spirit, constitutes an offense.

*Examination
Regulations*

Schedule

While the required studies leading to the degree of Bachelor of Arts are not prescribed for any special year in the college course, students are advised to plan their work carefully with reference to the lecture schedule so that a conflict of hours will not prevent them from electing the advanced courses they wish. For example, students who elect English as their major subject should take the required English courses their first and second years because they must have completed this work before entering the major course in English. Students electing a scientific group, such as chemistry and biology, should arrange their work to avoid possible conflict in laboratory hours.

REQUIREMENTS FOR DEGREE OF BACHELOR OF ARTS

The full course of undergraduate study leads to the degree of Bachelor of Arts.

Every candidate for the degree of Bachelor of Arts must have attended college classes in Bryn Mawr College for a period of four years;* must have passed examinations on work amounting to one hundred and twenty hours†; and must have obtained an examination grade above that of "passed," that is, the grade of merit or over, on half of these one hundred and twenty hours. She must possess at the time of graduation a reading knowledge of French and German, and must also have fulfilled the requirements of the department of Physical Education.

*Degree of
Bachelor of
Arts*

The following course of study must be pursued by every candidate for the degree of Bachelor of Arts:‡

*Studies
Leading to
the Degree
of Bachelor
of Arts*

Ancient Language (Greek or Latin), six semester hours. Students entering on Latin and three-point Greek may substitute Elementary French or German for the Required Ancient Language.§ If Elementary Greek, German or French is offered ten semester hours are required, the four additional hours being taken from the hours of free elective. These courses may not be taken later than the junior year.

*Required
Studies*

English, twelve semester hours. In connection with this course students are required to attend the courses in English diction, one-half hour a week for two years.

Philosophy, four semester hours.

Psychology, four semester hours.

Science, ten semester hours. For students who major in Science a choice between Science and Mathematics as a required study is permitted.

Major Subject with Allied Subjects, fifty semester hours. All students must attend first and second year work in the major subject for at least twenty semester hours (five hours a week for two years). Students of distinct promise in the opinion of the department may be allowed to take

*Major
Courses*

* By permission of the Curriculum Committee of the Faculty, obtained in advance, work done at some other college of high standing may in special cases be substituted for one of the four years of required attendance at classes. See pages 31 and 32.

† The word hour here means one hour a week for one semester.

‡ A student choosing Greek as her major subject, and not wishing to study Latin, may substitute six semester hours of advanced Greek, or of French, or Italian, or Spanish, or German for the six semester hours of required Ancient Language.

§ A student choosing Latin as her major subject and not wishing to study Greek may substitute six semester hours of advanced Latin, or of French, or Italian, or Spanish, or German for the six semester hours of required Ancient Language.

¶ For a number of years no Elementary French course has been offered by the College. Students who wish to substitute Elementary French for the Ancient Language requirement, as allowed by the above rule, may offer Elementary French, prepared without attendance on college classes, as advanced standing, in an examination to be taken not later than the beginning of the junior year.

advanced work in the major subject. The student will arrange her major work and her allied subjects under the advice of the department in which the major work is taken.

*Free
Elective
Courses*

Free Elective Courses, thirty-four semester hours, to be chosen by the student. The only limitation is that imposed by the prerequisites of the course selected, and any courses open to the individual student as free electives may be taken without the remainder of the course of which they may form a part.

*Courses
in Hygiene*

A *Course in Hygiene* of one hour a week for one semester to be taken in addition to the regular fifteen hours a week of college courses but not counting in the required one hundred and twenty hours must be attended by all candidates for the degree of Bachelor of Arts.

*Reading
Knowledge
of French
and
German*

A *Reading Knowledge of French and German* is required from all students. All students are required to take examinations in French and German either in the autumn or spring of the junior year. Students failing to pass one or both of these examinations must present themselves for re-examination on the first or second Saturday of their senior year. Any student who receives the grade of *Failure* will be prevented from receiving her degree at the end of her senior year. She will not be allowed to present herself for a third examination before the autumn of the following year, but may present herself for any subsequent examination. Any student receiving the grade of *Condition* may take a third examination in the spring of her senior year.

*Extra-
curriculum
Courses*

Extra-curriculum courses of three hours a week in French and in German conducted without extra charge by regular members of the respective departments, may be taken by students in either French or German, if desired.

*Tabular
Statement*

The studies required for a degree may be tabulated as follows:

1	2	3	4	5	6
English.	Philosophy	Science:	Ancient	Major	Elective
Twelve	and	Physics,	Language	and	Courses.
semester	Psychology.	or	(Greek	Allied	Thirty-four
hours.	Eight	Chemistry,	or Latin).	Subjects.	semester
	semester	or	Six	Fifty	hours.
	hours.	Geology,	semester	semester	
		or	hours.	hours.	
		Biology.			
		Ten			
		semester			
		hours.			

Attendance on the Greek or Latin classes is not obligatory before the beginning of the junior year, the student being free until then to make good her deficiencies by private study. Students not wishing to study Greek may substitute six hours of the first year college course in Latin or the corresponding advanced standing examination in first year Latin for the examination in Elementary Greek. First year Latin may not be offered for examination without attending the college class after the beginning of the junior year.

The requirements for the degree constitute strictly a four years' course of fifteen hours a week, and although no student is permitted to complete the work required for a degree in less than four years, to give more time for advanced studies and to lighten the college course, students are permitted to take examinations in certain subjects included in the course without attending the college classes in these subjects. Trigonometry, solid geometry, and elementary Greek, French, or German, or first year Latin may be taken in this way if offered not later than the beginning of the junior year. A student who can furnish proof that she has acquired advanced knowledge of French, Italian, or Spanish, or German by attendance on advanced school or college classes, or by residence abroad or by study under instructors or governesses at home, is permitted to take examinations for advanced standing in reading and composition in these languages, but only in the first three weeks after entering college.

*Advanced
Standing*

Students not wishing to study for a degree are permitted to elect any of the undergraduate studies for which they have been fitted by previous training. If at any time a degree should be desired, such students will be given full credit for all courses leading to the degree.

SCHOLARSHIP GRADES

1. Grades are assigned with the following significances:

*Scholarship
Grades*

High Credit (H. C.)..... Work distinguished for its excellence.

Credit (C.)..... Work above the average; superior work.

Merit (M.)..... Average work, work done by median group
neither superior nor inferior.

Passed (P.)..... Work below the average.

Conditioned (Con.)..... Unsatisfactory work the deficiencies of
which may be met by passing a condition
examination.

Failed (F. F.)..... Unsatisfactory work, the deficiencies of
which may not be met by passing a
condition examination.

2. This system of marking is the basis of the Honour Point system:

1 semester hour of Merit..... 1 honour point.

1 semester hour of Credit..... 2 honour points.

1 semester hour of High Credit..... 3 honour points.

3. On the basis of the honour point system the degree of Bachelor of Arts is awarded as follows:

170 honour points..... Cum Laude.

220 honour points..... Magna Cum Laude.

270 honour points..... Summa Cum Laude.

CURRICULUM

There are offered each year to undergraduates major courses of five hours a week for two years, in the following subjects: Greek, Latin, English, French, Italian, Spanish, German, Modern History, Economics and Politics, Philosophy, Psychology, Classical Archaeology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology; and elective courses in the above and in Biblical Literature, Social Economy, Education, and Music.

Major Courses

In each fully organized department there is a course of five hours a week for two years, called a Major Course. Every candidate for a degree is required to take one major course and also a specified amount of courses in closely allied subjects. Students of special promise will be permitted to carry on advanced work in the major subject. The object of this system is to enable the student to acquire the foundations of a specialist's knowledge; and the Required Courses, namely, English, philosophy and psychology and science, and an ancient language are intended to insure a more liberal training than could be obtained if every student combined elective studies without restriction.

Required Courses

The required courses in English and in an ancient language serve as a general introduction to the study of language and literature. The required course in science permits the student of chemistry and biology to pursue an advanced course in one of these branches, or to take a first year course in physics; and gives, for one year at least, to the student of history and literature the same kind of instruction and discipline as is received by the scientific student. The courses in philosophy and psychology form a general introduction into the study of the laws, conditions, and history of thought.

Free Elective Courses

All first year courses that do not presuppose required courses may be elected by any student, and special free elective courses of one, two, or three hours a week are offered in many departments.

Advanced Courses

Advanced courses are open only to students who have completed the first and second year major work in the subject and who have been given permission to enter them by the department.

Honours

Most departments offer honours work to students who have shown exceptional ability in the first and second year courses. This work consists of advanced courses accepted as honours courses by the Curriculum Committee; or of study carried on independently under the guidance of individual instructors; or of a combination of the two. Credit will be given in accordance with the amount of work done and reports or special examinations covering the field will be required. Students who have received credit for as much as ten semester hours of honours work may be recommended for their degree with distinction in the subject.

COURSES OF STUDY

1929-30

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.
WILMER CAVE WRIGHT, Ph.D.
INSTRUCTOR: ABBY KIRK, A.B.

The undergraduate instruction offered in Greek includes ten hours a week of first and second year work and five hours a week of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Greek.

A course of five hours a week throughout the year is provided for those students who wish to study Greek and whose examination for matriculation did not include it. Grammar and Composition are studied. Xenophon's *Anabasis* and selections from Homer are read. Either the elementary course in Greek or three hours a week of the first year course in Latin is required of all candidates for the degree of Bachelor of Arts who have not passed the matriculation examination in Greek. This course is given by Miss Kirk under the direction of Dr. Wright.

*Elementary
Course*

FIRST YEAR

1st Semester.

(Given in each year)

Plato, *Apology* and *Crito* or *Protagoras* or *Phædo*, and Greek Prose Composition: Dr. Sanders.

Two hours a week.

*Major
Course*

Sophocles, *Antigone*: Dr. Sanders.

One hour a week.

Homer, *Odyssey*: Dr. Wright.

Two hours a week.

(May be taken as a free elective)

The Greek courses may not be offered for examination for advanced standing without class attendance.

Private reading: Euripides, *Alcesteis*, ll. 1 to end must be read by students taking the five-hour course; Euripides, *Alcesteis*, ll. 1-475 must be read by students taking the course in Homer only; Sophocles, *Philoctetes*, ll. 1-728 must be read by students taking the courses in Plato and in Greek Prose Composition, omitting the course in Homer. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Medea*, and Greek Prose Composition: Dr. Sanders.

Two hours a week.

Herodotus: Dr. Sanders.

One hour a week.

Homer, *Iliad*: Dr. Wright.

Two hours a week.

(May be taken as a free elective)

The Greek courses may not be offered for examination for advanced standing without class attendance.

Private reading: Sophocles *Philoctetes*, ll. 1-1080 and 1218-1313 must be read by students taking the five-hour course; Euripides *Alcestis*, ll. 476-961 must be read by students taking the course in Homer only; Sophocles, *Philoctetes*, ll. 729 to end must be read by students taking the courses in Euripides and Greek Prose Composition, omitting the course in Homer. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

SECOND YEAR

1st Semester.

(Given in each year)

Demosthenes: Dr. Sanders.

Two hours a week.

Work in Greek prose composition is given in connection with this course.

Aristophanes: Dr. Sanders.

One hour a week.

History of Greek Literature, Ionio-Dorian and Attic periods: Dr. Wright.

Two hours a week.

This course may be taken either as a second year course or as a free elective. Students taking it as a free elective are not required to have taken the first year course and are not required to do the private reading.

Private reading: Æschylus, *Prometheus Vincit*, ll. 1 to end must be read by students taking the five-hour course; Æschylus, *Persæ*, ll. 1-680 must be read by students taking the courses in Demosthenes and Aristophanes, omitting the course in Greek literature; Æschylus, *Prometheus Vincit*, ll. 1-436 must be read by students taking the course in Greek literature, omitting the course in Demosthenes and Aristophanes. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

2nd Semester.

Thucydides: Dr. Sanders.

Two hours a week

Work in Greek prose composition is given in connection with this course.

Sophocles: Dr. Sanders.

One hour a week.

History of Greek Literature, Attic, Alexandrine, and Græco-Roman periods: Dr. Wright.

Two hours a week

This course may be taken either as a major course or as a free elective. Students taking it as a free elective are not required to have taken the first year course, and are not required to do the private reading.

The second year's work of the major course may be divided so as to cover a period of two years; but if elected for the first semester, the lectures on literature must be elected for the second semester also. The lectures on Demosthenes and Thucydides and the one-hour courses in Aristophanes and Sophocles may not be elected separately.

Private reading: Æschylus, *Persæ* ll. 1 to end must be read by students taking the five-hour course; Æschylus, *Persæ*, ll. 681 to end must be read by students taking the courses in Thucydides and Sophocles, omitting the course in Greek literature; Æschylus, *Prometheus Vincit*, ll. 437-876 must be read by students taking the course in Greek literature, omitting the course in Thucydides and Sophocles. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

FREE ELECTIVE COURSE

Greek Religion and Greek Myths: Dr. Wright.

*Two hours a week throughout the year.**(Given in each year)***Free
Elective
Course**

This course is supplementary to Greek and English literature and to Oriental and Classical Archæology and treats of the development of Greek religion, the attributes of the Olympian Gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths. This course may be offered as part of the first year course in Ancient History, or as part of the first year course in Classical Archæology, and may be entered in the second semester.

Courses amounting to ten hours a week which may be taken as free electives are offered in Classical Archæology. See pages 75 and 76.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

**Advanced
Courses***(Given in 1929-30)**1st Semester.*Æschylus, *Eumenides*: Dr. Sanders.*Two hours a week.*Sophocles, *Trachiniæ*: Dr. Sanders.*One hour a week.*

Melic Poets: Dr. Wright.

*Two hours a week.**2nd Semester.*Greek Rhetoricians and Prose Composition: Dr. Sanders. *One hour a week.*

Bacchylides: Dr. Sanders.

*One hour a week.*Euripides, *Bacchæ*: Dr. Sanders.*One hour a week.*Æschylus, *Septem* or Lucian: Dr. Wright.*Two hours a week.**(Given in 1930-31)**1st Semester.*Æschylus, *Oresteia*: Dr. Sanders.*Two hours a week.*

Fourth Century Critics: Dr. Sanders.

One hour a week.

Theocritus: Dr. Wright.

*Two hours a week.**2nd Semester.*

Pindar: Dr. Sanders.

*Two hours a week.*Sophocles, *Electra* or Euripides, *Electra*: Dr. Sanders.*One hour a week.*

Plato: Dr. Wright.

*Two hours a week.**(Given in 1931-32)**1st Semester.*

Minor Orations of the Attic Orators: Dr. Sanders.

*Two hours a week.*Sophocles, *Ædipus Coloneus*: Dr. Sanders.*One hour a week.*

Palatine Anthology: Dr. Wright.

Two hours a week.

*2nd Semester.**Æschylus, Agamemnon:* Dr. Sanders.*Two hours a week.*

Greek Prose Composition and the Evolution of Style: Dr. Sanders.

*One hour a week.*Sophocles, *Ajax*: Dr. Wright.*Two hours a week.*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Latin

PROFESSOR: LILY ROSS TAYLOR, Ph.D.

ASSOCIATE PROFESSORS: MARY HAMILTON SWINDLER, Ph.D.

SUSAN HELEN BALLOU, Ph.D.

ASSOCIATE: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

LECTURER: LOUISE ADAMS HOLLAND, Ph.D.

The undergraduate instruction offered in Latin includes ten hours a week of undergraduate first and second year work, and six hours a week of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Latin; and special work for honours.

FIRST YEAR

(Given in each year)

Literature of the Republic and Early Empire: Terence, *Adelphæ*; Selections from Catullus and Lucretius; Horace, *Odes and Epodes*:

*Three hours a week throughout the year.**1st semester:* Dr. Taylor, Dr. Swindler, Dr. Broughton, Dr. Holland.*2nd semester:* Dr. Taylor, Dr. Swindler, Dr. Ballou, Dr. Broughton.

Private reading will be assigned.

Selected reading from Latin sources illustrative of Roman Private and Social Life: Dr. Broughton.

Two hours a week throughout the year.

The reading will be chosen chiefly from the letters of Cicero and Pliny, the *Cena Trimalchionis* of Petronius, and the Epigrams of Martial.

Private reading will be assigned.

(This course may also be taken as a free elective)

SECOND YEAR

(Given in each year)

Lectures on Latin Literature: Dr. Taylor.

Two hours a week throughout the year.

This course treats the history of Latin Literature from its earliest beginnings down to the end of the second century of the Christian era, including all the authors from whose writings any important remains have been preserved.

Suetonius, Augustus; Tacitus, *Annals I-VI* (Selections): Dr. Broughton.*Three hours a week during the first semester.*

A study of the reigns of Augustus and Tiberius.

Latin Comedy: Plautus: Dr. Swindler.

Three hours a week during the second semester.

A number of the plays of Plautus are read and studied for their literary merit. The influence of Plautus on later ages, the stage, actors, origin, development, and characteristics of Roman comedy and various other topics are taken up. Students are assigned individual plays for reports.

Private reading will be assigned to each student in the course in Latin Literature and in the courses in Plautus and in Suetonius and Tacitus.

The course in Latin Literature and the courses in Plautus and in Suetonius and Tacitus, may be taken in different years. If the lectures on Latin Literature are elected for the first semester, they must be continued in the second semester.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Advanced Courses

Latin Prose Composition: *One hour a week throughout the year.*
(Given in each year)

1st semester: Dr. Broughton.

2nd semester: Dr. Holland.

Medieval Latin: Dr. Ballou. *Three hours a week during the first semester.*
(Given in 1929-30 and again in 1931-32)

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

Roman Satire: Dr. Broughton. *Three hours a week during the second semester.*
(Given in 1929-30 and again in 1931-32)

A study of Roman satire in its literary form and its historical development. The fragments of Lucilius and the satires of Horace, Persius, and Juvenal will be read.

Cicero, Selections from the Letters and the Orations: Dr. Taylor.
One hour a week during the first semester.
(Given in 1929-30 and again in 1931-32)

A study of social and political conditions at the close of the republic.

Livy, Selections from Books I-V: Dr. Holland.
One hour a week during the second semester.
(Given in 1929-30 and again in 1931-32)

A study of the legends of the regal and early republican period.
By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

Lucretius, De Rerum Natura: Dr. Ballou.
Three hours a week during the first semester.
(Given in 1930-31)

The course will deal with the place of the De Rerum Natura in literature and thought.

Vergil, Aeneid: Dr. Taylor. *Three hours a week during the second semester.*
(Given in 1930-31)

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic.

Caesar, Selections from the Gallic and the Civil Wars: Dr. Broughton.
One hour a week during the first semester.

(Given in 1930-31)

Cicero, Selections from the Philosophical Works: Dr. Broughton.
One hour a week during the second semester.

(Given in 1930-31)

By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

The Roman Empire: Dr. Ballou. *Two hours a week throughout the year.*
 See page 64. *(Given in 1930-31)*

HONOURS WORK

Honours The department offers two years of work for honours, either or both of which may be taken by students who have completed the major course with distinction. At the conclusion of each year a general examination will be given on the reading of Latin and on the work of the year in relation to the student's previous training in Latin. The work will, as far as possible, be adapted to the needs of the individual student.

In 1929-30 it will be devoted to ancient Rome, its monuments, its private, public and social life with wide reading in sources, particularly Cicero, Livy, and the satirists of the empire.

In 1930-31 the work will centre on Lucretius and Vergil with a study of the literary circles of the time, and of the philosophical and religious trends at Rome in the Ciceronian and Augustan ages.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. *SAMUEL CLAGGETT CHEW, Ph.D.
ASSOCIATE PROFESSOR:	STEPHEN JOSEPH HERBEN, Ph.D.
ASSOCIATES:	ELEANOR GRACE CLARK, Ph.D. MARGARET MILLICENT CAREY, Ph.D. ENID GLEN, Ph.D.
NON-RESIDENT LECTURER:	SAMUEL ARTHUR KING, M.A.
LECTURER:	KATHARINE GARVIN, M.A.
INSTRUCTORS:	HORTENSE FLEXNER KING, M.A. MARGARET STORRS, A.B. EDITH FINCH, M.A. LETITIA GRIERSON, A.B.

The instruction offered in English covers forty-three hours of lectures and recitations a week, and includes six hours of lectures on composition

* Granted leave of absence for the year 1929-1930.

and literature required of every candidate for the Bachelor's degree; fifteen hours of First and Second Year English, which presuppose as much information as is contained in the required course; nine hours a week of free elective work; one hour a week of elective courses in English diction, graduate courses in English literature, Anglo-Saxon and Early and Middle English and Honours work.

The required course consists of lectures on English literature; collateral reading assigned in illustration of the lectures: and a study of the principles of composition with practice in writing. The first year course must be completed before the second year course is taken.

*Required
Course*

FIRST YEAR

English Composition: Dr. Carey, Dr. Glen, Miss Storrs, Miss Finch, Miss Grierson.

Three hours a week throughout the year,

(Given in each year)

A study of the forms of composition based upon reading in the prose and poetry of the Nineteenth Century and the present time.

Freshman Elective English: Dr. Glen.

Two hours a week throughout the year.

An elective course supplementing the required course in both writing and reading.

The Principles of Articulation: Mr. King.

One hour a fortnight throughout the year.

(Given in each year)

This course deals with a system of oral gymnastics, by which a distinct, firm, and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice, and for acquiring a correct production, are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in every-day speech are clearly defined. A special class will be formed to assist those students whose defects of articulation are so marked as to make it difficult for them to work with the other members of the class. This course is required for the degree and must be taken by all students registered for the course in English Literature, but does not count in the required one hundred and twenty hours.

SECOND YEAR

(Given in each year)

English Literature: Miss Donnelly, Miss Garvin, Miss Storrs, Miss Finch, Miss Grierson.

Three hours a week throughout the year.

A survey of English literature from the Norman Conquest to the French Revolution. The lectures are supplemented by class discussions and written tests. The reading includes the best and most representative works in the field of the lectures.

The Sonant Properties of Speech: Mr. King.

One hour a fortnight throughout the year.

This course consists of a detailed study of the principles of inflection, pitch, and rhythm, together with special treatment of emphasis and rules on pausing. Students are required from time to time to read aloud in order that individual faults may be corrected. This course is required for the degree and must be taken by all students registered for the course in English Literature, but does not count in the required one hundred and twenty hours.

The major course in English differs from the other major courses of the college, in that it must always have been preceded by twelve hours study of English in the required undergraduate courses. Any of the first year

*Major
Course*

courses may be taken separately as free electives by students that have completed the required course. All students taking a major course in English must take one of the courses in Old or Middle English, and those students who wish to specialize in the earlier period must take at least one course in the later period.

COMPREHENSIVE EXAMINATION

In and after the year 1929-30 a comprehensive examination over the general field of English Literature will be required of all students electing English as a major.

FIRST YEAR

English Literature of the Romantic Period: Dr. Chew.*

Three hours a week throughout the year.

(Given in each year)

The eighteenth-century background; the poetry of the period; the essay and novel; and the influence of continental literatures upon English literature are the chief topics in the course. Reports are required from each student.

Chaucer and the Chaucerian Period: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

The course begins with an outline of Middle English grammar sufficient to enable the students to read ordinary texts intelligently. Lectures are given on the development of the language and literature during the period, and in particular upon Chaucer's sources and literary art, and his relation to the English, French and Italian literature of his time. The *Troilus and Criseyde* (entire), the best of the *Canterbury Tales*, and certain of the minor poems are studied. A report is required from each student.

SECOND YEAR

English Critics of the Nineteenth Century: Miss Donnelly.

Three hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

Carlyle, Ruskin, Arnold, Pater, and, if time allows, two or three other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. A report is required from each student.

English Literature from Dryden to Johnson: Miss Donnelly.

Three hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

Dryden, Swift, Pope, Addison, Johnson, and, if time allows, other writers are studied, with regard to the development of classicism. A report is required from each student.

Old English Literature; Beowulf: Dr. Herben.

Three hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry will be read, followed by the *Beowulf* entire.

Middle English Romances: Dr. Herben.

Three hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

Selected romances in Middle English are read. The lectures deal with the development of Romance literature in Europe, with special reference to the romances of the Arthurian cycle.

* Granted leave of absence for the year 1929-30. The course announced by Professor Chew will be given by Miss Garvin.

Shakespeare; Elizabethan Drama: Dr. Clark.

*Two hours a week throughout the year.**(Given in each year)*

Selected plays of Marlowe, Greene, Peele and Shakespeare are read, and various court masques.

The course is designed to give students the social, theatrical, and historical material which constitutes the background and moulds the subject matter of the Elizabethan drama. Some time is also devoted to stylistic studies of the major dramatists. The report subjects are assigned with a view to giving each student a chance to work in some of the original documents of the period.

Private Reading.

Two hours a week throughout the year in the first and second year of the Major Course.

For students who elect English as a major. Reading under direction to supplement the regular courses. Occasional conferences will be held.

HONOURS WORK

In the first and second year courses work in special fields or subjects is offered to students who are recommended by the department for honours in English. Such work is related to the courses the student is following but adapted to her individual interests. It consists of independent reading, reports and conferences, followed by special examinations.

Honours

FREE ELECTIVE COURSES

Rhetoric: Dr. Crandall.

*Two hours a week throughout the year.**(Given in each year)*

The course consists of the study of rhetoric, with parallel reading and analysis of English prose and verse, and the writing of illustrative papers. The course is open to students who have completed the required course in English composition.

Argumentation: Dr. Crandall.

*Two hours a week throughout the year.**(Given in each year)*

The writing of arguments, the study of the form with reference to other types of writing, and other problems connected with argumentation, formal and informal, make up the work of the course. The course is open to students who have completed the required course in English composition.

*Free
Elective
Courses*

Criticism: Dr. Crandall.

*Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

The course includes a study of the principles of criticism and the writing of critical exposition, the essay, and kindred forms. The course is open to students who have completed the required course in English composition.

The Short Story: Dr. Crandall.

*Two hours a week throughout the year.**(Given in 1930-31 and again in 1932-33)*

The course deals with various forms of narrative, more especially the short story, and includes a study of the work of representative authors, both English and French. The course is open to students who have completed the required course in English composition.

Versification: Mrs. King.

*Two hours a week throughout the year.**(Given in each year)*

The course is not historical but theoretical, and students are required to write short exercises in verse every week. The course is open to students who have completed the required course in English composition.

Advanced Composition: Dr. Glen. *Two hours a week throughout the year.*
(Given in 1929-30)

An intensive study of special forms of composition.

Victorian Poets: Dr. Clark. *Two hours a week throughout the year.*
(Given in each year)

Tennyson, Browning, Arnold, Thompson, Morris, Rossetti. Selections are made from these poets with a view to illustrating various aspects of Victorian thought.

General Reading of Prose Authors: Mr. King.
One hour a week throughout the year.

(Given in 1930-31 and again in 1932-33)

This course is open only to those students who have attended the lectures in English diction given in the general course.

Reading of Shakespeare: Mr. King. *One hour a week throughout the year.*
(Given in 1929-30 and again in 1931-32)

This course is open only to those students who have attended the lectures in English diction given in the general course. A special study is made of the principles of correct delivery of blank verse. The needs of those students who expect to teach English literature and desire to read Shakespeare to their pupils are given special attention.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

ROMANCE LANGUAGES

French

PROFESSOR AND DEAN
OF THE GRADUATE
SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS:

GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*

ASSOCIATES:

MARGARET GILMAN, Ph.D.

ROBERT TURNER, *Docteur d'Université*.

INSTRUCTOR:

To be appointed

The undergraduate instruction offered in French covers thirty-two hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year work; six hours a week of advanced courses, open only to graduates and to undergraduates who have completed the major course in French, and two hours of free elective. All the courses in French except the elective course and the seminars in Old French are conducted in the French language.

ADVANCED STANDING

*Advanced
Standing*

An advanced standing examination in French, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Credit may be given

for the first year course in Reading and Composition. Credit thus received may not be counted as part of the major course if French is elected as a major; more advanced courses in French chosen with the approval of the Department of French must be substituted for that part of the first year course for which credit has been given in the advanced standing examination by students taking French as a major.

UNDERGRADUATE STUDY IN FRANCE

Under-graduate Study in France

Students who have chosen French as their major subject and who have at the end of their Sophomore year completed the major course, may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in France according to the "Delaware Foreign Study Plan."

This plan provides for one year's supervised undergraduate study. The year is divided into two periods, a three-month preliminary period, from the last week in July to the last week in October, and the regular French academic session of eight months, November 1 to June 30. The preliminary period is spent at the University of Nancy. The regular session is spent in Paris, at the University of Paris and the Ecole Libre des Sciences Politiques.

The list of subjects available includes literature, history, history of art and economics. The formal lecture system of the French universities is supplemented by tutorial system classes arranged for the Foreign Study group. Private lessons in composition and diction are given throughout the year.

The students live in French families where they speak the language and gain some knowledge of French life. They also have the advantage of a carefully arranged programme of "extra-curriculum activities," which include operas and plays, as well as excursions in France and adjacent countries.

Only those students will be recommended who have shown a natural aptitude for the French language, have a high average in their college work and seem in the opinion of the Dean and the Department of French well qualified to represent the college.

MAJOR COURSE

Entrance to the major course in French presupposes as much knowledge as is required to pass the matriculation examination in this subject.

Major Course

FIRST YEAR

(Given in each year)

The History of French Literature of the nineteenth century.

Three hours a week throughout the year.

1st Semester.

- Division A.* Mr. Canu.
- Division B.* Dr. Turner.
- Division C.* Dr. Gilman.

2nd Semester.

- Division A.* Dr. Gilman.
- Division B.* Mr. Canu.
- Division C.* An Instructor to be appointed.

Critical reading in French prose and poetry of the nineteenth century; practical exercises in French Composition. *Two hours a week throughout the year.*

1st Semester.

- Division A.* An Instructor to be appointed.
Division B. Dr. Turner.
Division C. Dr. Gilman.

2nd Semester.

- Division A.* Dr. Turner.
Division B. Mr. Canu.
Division C. An Instructor to be appointed.

Students are assigned to divisions after an aural test.

The course in the history of French literature may be taken separately only by students assigned to Division A.

SECOND YEAR

(Given in each year)

1st Semester.

The History of French Literature of the seventeenth century, accompanied by collateral reading: An Instructor to be appointed.

Three hours a week.

Critical Reading in the Literature of the seventeenth century. Studies in French Style and Composition:

Two hours a week.

- Division A.* Mr. Canu.
Division B. Dr. Gilman.

2nd Semester.

The History of French Literature of the eighteenth century, accompanied by collateral reading: Mr. Canu.

Three hours a week.

Critical Reading in the Literature of the eighteenth century. Studies in French Style and Composition:

Two hours a week.

- Division A.* Dr. Gilman.
Division B. An Instructor to be appointed.

FREE ELECTIVE COURSE

*Free
Elective
Course*

Modern Tendencies in French Literature: Dr. Schenck.

Two hours a week throughout the year.

(Given in each year)

Lectures, class discussion, and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in Required English Literature or the second year course in French Literature.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Studies in the Historical Background of French Literature: Mr. Canu.

Two hours a week throughout the year.

(Given in 1930-31)

French Literature of the Sixteenth Century: Dr. Turner.

Two hours a week throughout the year.

(Given in 1929-30 and again in 1931-32)

French Lyric Poetry since 1850: Dr. Gilman.

Two hours a week throughout the year.

(Given in each year)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Turner.

Two hours a week throughout the year.

(Given in each year)

The class has one meeting a week and fortnightly interviews.

HONOURS WORK

After the completion of the second year course a student may be recommended by the department for honours in French. Such students will work in special fields adapted to their own interests under the direction of members of the department. The following courses are required of honour students.

Honours

Introduction to Mediæval French Literature and Philology: Dr. Turner.

Two hours a week throughout the year.

(Reserved for honour students)

French Bibliography: Dr. Gilman. *One hour a week during the first semester.*

(Reserved for honour and graduate students)

Advanced French Literature of the Sixteenth Century: Dr. Turner.

Two hours a week throughout the year.

Students who spend the Junior Year in France may substitute for this course a course in the Literature of the Sixteenth Century given at the University of Paris.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Italian

ASSOCIATE: CAMILLO P. MERLINO, Ph.D.

The undergraduate instruction offered in Italian covers seventeen hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year courses; two hours a week of free elective courses and five hours a week of advanced undergraduate courses.

An advanced standing examination in Italian, that is, an examination in translation and composition taken without attendance on the college

*Advanced
Standing*

classes, may be taken by students in the first three weeks after entering college. Depending on the result of this examination credit will be given for all or part of the first or second year Italian courses. Credit thus received may not be counted as part of the major course if Italian is elected as a major subject; more advanced courses in Italian chosen with the approval of the Department of Italian must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Italian as a major subject.

FIRST YEAR

(Given in each year)

**Major
Course***1st Semester.*

Italian Grammar and Composition with reading in Italian authors of the Nineteenth Century: Dr. Merlino. *Five hours a week.*

2nd Semester.

A survey of Italian Literature of the Nineteenth Century: Dr. Merlino. *Three hours a week.*

Lectures and class reading in Nineteenth Century Italian authors, accompanied by collateral reading.

Reading of modern Italian prose and practical exercises in Italian composition: Dr. Merlino. *Two hours a week.*

SECOND YEAR

(Given in each year)

The Italian Literature of the Trecento: Dr. Merlino.

*Three hours a week throughout the year**1st Semester.*

Dante's *Vita Nuova* and *Divina Commedia*.

2nd Semester.

Dante's *Divina Commedia*, Petrarca's *Rime*, Boccaccio's *Decamerone*.

Italian Composition: translation of standard English authors into Italian, and critical reading of modern prose: Dr. Merlino.

Two hours a week throughout the year.

FREE ELECTIVE COURSE

(Offered each year)

**Free
Elective
Course**

The Italian Literature of the Nineteenth Century: Dr. Merlino.

*Two hours a week throughout the year.**1st Semester.*

Foscolo, Manzoni, Leopardi, De Sanctis.

2nd Semester.

Carducci, Pascoli, D'Annunzio, Verga, and others.

Only those students will be admitted who have completed the course in general English Literature, and have a wider knowledge of Italian than is acquired in the First Year Course.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary and undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

(Offered each year)

The Italian Literature of the Cinquecento: Dr. Merlino.

*Three hours a week throughout the year.**1st Semester.*Selections from Ariosto's *Orlando Furioso*, Michaelangelo's *Rime*, Cellini's *Vita*.*2nd Semester.*Machiavelli's *Principe*, and Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*.

Advanced Italian Composition: Dr. Merlino.

Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.

INSTRUCTOR: EDITH FISHTINE, A.B.

The instruction offered in Spanish covers fifteen hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year courses and five hours a week of advanced undergraduate courses.

An advanced standing examination in Spanish, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit will be given for all or a part of the first or second year Spanish courses. Credit thus received may not be counted as part of the major course if Spanish is elected as a major subject; more advanced courses in Spanish chosen with the approval of the Department of Spanish must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Spanish as a major subject.

*Advanced
Standing*

FIRST YEAR

*(Given in each year)**1st Semester.*

Spanish Grammar and Composition. Reading of easy modern Spanish prose: Dr. Gillet, Miss Fishtine.

*Five hours a week.**Major
Course**2nd Semester.*

Spanish Literature: Miss Fishtine.

Three hours a week.

A study of moderately long and fairly difficult Spanish works by representative modern authors.

Intermediate Spanish Composition: Dr. Gillet.

Two hours a week.

SECOND YEAR

1st Semester.

Reading of Classics in Spanish Literature, accompanied by a survey of Spanish literary history in the Nineteenth Century: Miss Fishtine.

Three hours a week.

Intermediate Spanish Composition: Dr. Gillet.

Two hours a week.

2d Semester.

Reading of Classics in Spanish Literature accompanied by a survey of Spanish literary history in the Seventeenth Century: Miss Fishtine.

Three hours a week.

Advanced Spanish Composition: Dr. Gillet.

Two hours a week.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports. • *Three hours a week throughout the year.*

Advanced and Free Spanish Composition: Dr. Gillet.

Two hours a week throughout the year.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

German

ASSOCIATE PROFESSORS: MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

INSTRUCTORS:

MARTHA MEYSENBURG DIEZ, M.A.

MYRA S. JENSEN, A.B.

ELINOR A. ROSSBACH, M.A.

LILIAN R. DAVIDSON, M.A.

The instruction offered in German covers twenty-nine hours of lectures and recitation a week; it includes ten hours a week of elementary German; four extra-curriculum hours of training in German reading; ten hours a week of undergraduate first and second year work and five hours a week of advanced courses, open to graduates and to undergraduates that have completed the major course in German. All the courses in German except the extra-curriculum reading courses are conducted in the German language.

Elementary Courses

A class for beginners in German, conducted in two sections by Mrs. Jessen and Mrs. Diez, five hours a week throughout the year, is provided. Students taking this course may be admitted into the first year of the major course in German.

A class for beginners in Elementary German Grammar, to be given in four sections, three hours a week. The purpose of this course is to lay the foundations for a reading knowledge of German and it is to be followed by supervised reading for juniors.

A course in Elementary German Reading is also offered by the department to students who have had the equivalent of the course in Elementary German Grammar. This course is given in order to assist students in their preparation for the junior German reading examination.

Two hours a week.

An extra-curriculum course is open to sophomores preparing for the reading examinations required of juniors and to graduate students; it is followed by supervised reading for juniors. The course is given by Mrs. Diez.

**Extra Cur-
riculum
Course**

Three hours a week.

**Advanced
Standing**

An advanced standing examination in advanced German translation and composition, that is, an examination taken without attending the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit will be given for all or part of the first and second year German courses. Credit thus received may not be counted as part of the major course if German is elected as a major subject; more advanced courses in German chosen with the approval of the Department of German must be substituted for that part of the first and second year courses for which credit has been given in the advanced standing examination by students taking German as a major subject.

The major course in German presupposes as much knowledge as is required to pass the matriculation examination in this subject.

**Major
Course**

FIRST YEAR

(Given in each year)

Literature: The Age of Goethe. Lectures on the history of German Literature in the classical and Romantic periods; collateral readings, especially of the principal works of Goethe; intensive study in class of Goethe's poems and Faust: Dr. M. Diez.

Two hours a week throughout the year.

Reading and Composition: Critical Readings, especially in the field of the drama; representative plays of Lessing, Schiller, Kleist and Grillparzer will be studied. Exercises in German Composition: Mrs. Diez.

Three hours a week throughout the year.

SECOND YEAR

(Given in each year)

Literature: Lectures on the History of German Literature from the beginnings to the present time. The first semester will be devoted largely to the literature of the Hohenstaufen period, the second semester will cover the period from Goethe's death to the present: Dr. M. Diez.

Three hours a week throughout the year.

Reading and Composition: Critical Readings in modern German Literature. Studies in German Style and Composition: Mrs. Jessen.

Two hours a week throughout the year.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Middle High German and Elements of German Historical Grammar:
Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

This course may be taken for three successive years. The reading will be so varied as to form a supplement to the advanced courses in German literature:

1929-30: Walther von der Vogelweide and Minnesang

1930-31: Nibelungenlied

1931-32: Parsival and Tristan und Isolde.

History of German Lyric Poetry from the Minnesingers to the Present
Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1929-30)

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1930-31)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1931-32)

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D.

The undergraduate instruction offered in the department includes seven hours or more a week of free elective courses.

FREE ELECTIVE COURSES

Free Elective Courses

The Religion of Israel: Dr. Cadbury.

Three hours a week during the first semester.

(Given in each year)

A survey of the development of religious ideas and practices among the Hebrews during the early monarchy, under the influence of the prophets, and in the beginning of Judaism.

The Life and Teaching of Jesus: Dr. Cadbury.

Three hours a week during the second semester.

(Given in each year)

A discussion of the principal problems presented by the gospels for a recovery of an understanding of the career and character of Jesus of Nazareth.

Rapid Reading in the Greek New Testament: Dr. Cadbury.*One hour a week throughout the year.**(Given in each year)*

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

Second Year Hebrew: Dr. Cadbury.*Two hours a week throughout the year.**(Given in 1929-30)***Old Testament Introduction: Dr. Cadbury.***Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

A general study of the origin and character of the Old Testament writings.

The Book of Job: Dr. Cadbury.*One hour a week during the second semester.**(Given in 1929-30)***The Gospel of John: Dr. Cadbury.***One hour a week during the first semester.**(Given in 1929-30)***New Testament Introduction: Dr. Cadbury.***Two hours a week throughout the year.**(Given in 1930-31)*

A general study of the origin and character of the New Testament writings.

Social Ideals of the New Testament: Dr. Cadbury.*One hour a week during the first semester.**(Given in 1930-31)***Moral Ideals of the Old Testament: Dr. Cadbury.***One hour a week during the second semester.**(Given in 1930-31)***Elementary Hebrew: Dr. Cadbury.***Two hours or more a week throughout the year.**(Given when requested)***GRADUATE WORK**

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History**PROFESSORS:**

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH,* Ph.D.

CHARLES WENDELL DAVID, Ph.D.

ACTING PRESIDENT OF THE COLLEGE: HELEN TAFT MANNING, Ph.D.**PROFESSOR OF GREEK:** WILMER CAVE WRIGHT, Ph.D.**ASSOCIATE PROFESSOR OF LATIN:** SUSAN HELEN BALLOU, Ph.D.**INSTRUCTOR:** IVY CAROLINE ROBBINS, Ph.D.

* Granted leave of absence for the year 1929-30.

The undergraduate instruction offered in history comprises about twenty-five hours of lectures a week; it includes ten hours a week of undergraduate first and second year work in modern history and five hours a week of first year work in ancient history; two to five hours a week of free elective and five hours a week of advanced undergraduate courses, open only to graduates and undergraduates who have completed the major course in history.

*Major
Course*

The object of the major course in history is three-fold. Primarily, history is taught for its own sake as a record of the development of humanity; secondarily, as a necessary accompaniment to the study of political institutions; and finally, as a framework for other forms of research, linguistic, religious, or archaeological. The courses are planned to develop in the students a readier historical sense, and a consciousness of historical growth, rather than to give them a mere outline of general history. The instruction consists mainly of lectures, which are designed to create interest in the broad lines of historical development; the lectures are accompanied by constant references for private reading, to stimulate accuracy in detail and independence in judgment: and in all courses except those of the first year students prepare reports based upon their own researches.

*Honours
Work*

For students who have shown marked ability in the first two years of their historical study provision is made for honours work. At the end of the senior year a general examination in history will be offered and the satisfactory passing of this examination will entitle the student to receive her degree with distinction in history.

FIRST YEAR

1st Semester.

(Given in each year)

*Major
Course*

Mediæval and Modern Europe to 1763: Dr. David and Dr. Robbins.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, one conducted by Dr. David, the other by Dr. Robbins.)

The work of this and the following semester is designed not to give a summary view of European history but to select and enlarge upon such aspects of it as are essential to the understanding of the modern world. In consequence, more attention is devoted to the period beginning with the French Revolution than to the preceding centuries. Among the topics considered during the first semester are the ideal of a united Christendom as embodied in the Holy Roman Empire and the Catholic Church, the causes and effects of the Crusades, the rise of national states, the Reformation and the Counter Reformation, the maintenance of a European balance of power, the progress of colonization, the rise of Prussia and of Russia. The instruction is given by means of lectures, required reading and discussion.

2nd Semester.

Modern Europe since 1763: Dr. David and Dr. Robbins.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, one conducted by Dr. David, the other by Dr. Robbins.)

In this semester the political and social transformation of Europe which was initiated by the French Revolution is studied. The outcome of the Revolution, the career of Napoleon, the absolutist reaction of the early Nineteenth Century, the successive revolts against this, the formation of modern constitutional governments, the creation of the German Empire and the Kingdom of Italy, the extension of European influence to Asia and Africa, the causes and progress of the World War, and the treatment of social problems of today are among the topics considered. The instruction follows the methods used in the first semester.

SECOND YEAR

1st Semester.

(Given in each year)

History of the Renaissance: Dr. Gray.

Five hours a week.

(This course may be elected only by students who have studied history at least five hours a week for one year. Under this condition it may be taken as a free elective.)

An endeavor is made to indicate in what ways mediæval life and thought were transformed into those of modern Europe. Political, economic, literary, artistic and scientific changes, therefore, are studied. Since Italians were prominent in the new movements, most attention is given to Italian history, but the innovations of the North, especially those connected with the new Burgundian State, are not neglected. The period extends in a general way from 1250 to 1527.

2nd Semester.

History of the United States since 1783: Dr. William Roy Smith.*

Five hours a week.

(Not given in 1929-30)

(This course may be elected only by students who have studied history at least five hours a week for one year. Under this condition it may be taken as a free elective.)

English and Colonial History (1485-1785): Dr. Robbins.†

Five hours a week.

This course will deal with the development of the English domestic and colonial systems during three centuries. Some attention will be paid to the history of ideas which affected the struggle for constitutional liberty in both countries, and to the evolution of English foreign policy.

FREE ELECTIVE COURSES

History of England to 1485: Dr. David.

Three hours a week during the first semester.

(Given in 1929-30 and again in 1930-31)

(Open only to students who have taken the first year course in history.)

This course deals with English history in all its more important aspects from Roman times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the Roman Church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

Mediæval Civilization: Dr. David.

Three hours a week during the second semester.

(Given in 1929-30 and again in 1930-31)

(Open only to students who have taken the first year course in history.)

This course is confined for the most part to the continent and to the period from the fourth century to the close of the thirteenth century. Building upon the brief treatment of the first year course, it is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the civilization of the later Roman Empire, the Germanic invasions, the rise of the monasteries, the Byzantine and Carolingian Empires, Islam and the Crusades, the reform of the Church, the rise of national states, the civilization of the twelfth and thirteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

* Granted leave of absence for the year 1929-30.

† This course is offered in 1929-30 instead of the History of the United States since 1783.

British Imperialism: Dr. William Roy Smith.*Two hours a week throughout the year.**(Given in 1930-31)*

(This course may be elected only by students who have studied history at least five hours a week for one year.)

This course deals with the external history of the English people: the sea-rovers of the Sixteenth Century; the beginnings of American colonization; the contrast between the old colonial system and the new; the history of Canada, Australasia, South Africa, India, Egypt and other colonies and dependencies; the new imperialism of Beaconsfield and Chamberlain; the present position of England as a world power.

Civilization of the Ancient World: Dr. Ballou.*Three hours a week throughout the year.**(Given in 1929-30 and again in 1930-31)*

Special attention is paid to Greece and Rome; but extended consideration is also given to the subject of pre-history, to the early civilisations of western Asia, Egypt, and the Aegean region, and to the influence of environment, race, and culture upon human development. The evolution of civilization as a whole, from earliest times to the Fourth Century A. D., is presented in a single synthesis.

Hellenistic Civilization: Dr. Ballou.*Two hours a week throughout the year.**(Given in 1929-30)*

This course will deal with the conditions in the last three centuries preceding the Christian era which resulted from the conquests of Alexander and the consequent Hellenisation of the ancient civilised world. Administrative and economic conditions in Ptolemaic Egypt, as revealed by the recently discovered Greek papyri, will be especially studied as typical of the period. This will be followed by a study of Rome in the time of the Republic, both internally and in relation to the rest of the Hellenised world.

The Roman Empire: Dr. Ballou.*Two hours a week throughout the year.**(Given in 1930-31)*

(This and the following course may be taken by students who have had or are having the course in Ancient Civilization, or the Major course in Latin. Exceptions may be made for students of special qualifications.)

The course will deal with the social, economic, and administrative history of the Empire. The growth and development of the Principate will also be traced from the earlier institutions of the Republic, and primary source material will be used where available.

Greek Religion and Greek Myths: Dr. Wright.*Two hours a week throughout the year.**(Given in each year)*

(This course may be taken as a free elective or as part of the first year course in Ancient History and may be entered in the second semester.)

The course treats of the development of Greek religion, the attributes of the Olympian gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths.

ADVANCED UNDERGRADUATE COURSES**Advanced Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Europe since 1870: Dr. Gray.*Two hours a week throughout the year**(Given in 1929-30)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress, and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles, and the strong position of labour in post-bellum society are among the subjects studied. A reading knowledge of French is required.

American Colonial History (1492-1763): Dr. W. R. Smith.**Three hours a week throughout the year.**(Not given in 1929-30)*

This course deals primarily with the English colonisation of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion.

History of the United States since 1865: Dr. W. R. Smith.*Two hours a week throughout the year.**(Given in 1930-31)***The French Revolution and Napoleon: Dr. David.***Two hours a week throughout the year.**(Given in 1931-32)*

This course treats of the history of France and of Europe from 1789 to 1815, by means of lectures and reports. The period is considered as an organic whole and the career of Napoleon is regarded as that of a child of the Revolution. The increasing mass of secondary material is appraised and some printed documentary material is used for reports and references. A reading knowledge of French is required.

Study preparatory for Honours: Dr. H. L. Gray and Dr. Robbins.*Five hours a week throughout the year.***Honours**

Students electing this work will meet the instructor each week for the discussion of various topics in the general field of history. These will be selected to coordinate their knowledge and to prepare them for the general examination in honours to be taken at the end of their senior year. Each student will also in each semester undertake for herself independent historical investigation of a single topic under the immediate direction of the instructor. The latter work may with the permission of the instructor be omitted. If this is allowed, credit for the year's work will be reduced from five to three hours.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Economics and Politics**PROFESSORS:**

MARION PARRIS SMITH,* Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ASSOCIATE PROFESSOR:

ROGER HEWES WELLS, Ph.D.

ASSOCIATE:

ELEANOR LANSING DULLES, Ph.D.

LECTURER:

JULIAN S. DUNCAN, Ph.D.

The undergraduate instruction offered in this department covers sixteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work; one hour of free elective and five hours a week

* Granted leave of absence for the year 1929-30.

of advanced courses open only to graduates and to undergraduates who have completed the major course in economics and politics.

The object of the undergraduate courses in economics and politics is three-fold: first, to trace the history of economic and political thought; second, to describe the development of economic and political institutions; and third, to consider the practical economic and political questions of the day. Instruction is given by lectures. The lectures are supplemented by private reading, by oral and written quizzes, by written theses and reports, and by such special class-room exercises as the different subjects require.

FIRST YEAR

(Given in each year)

1st Semester.

Major Course

The Economic World: Dr. Duncan and Dr. Wells.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, A and B, one conducted by Dr. Duncan and one by Dr. Wells.)

The object of this course is to familiarize students with the economic world in which they live. The following topics will be studied: Economic Geography of the United States; Natural Resources, Population, including Immigration; Problems of Rural Life; Problems of Urban Life; and the following Economic Institutions, Organization of Manufacture, Organization of Labor, Transportation, Marketing, Money and Banking, International Trade, and Public Finance.

This course is not only intended as a foundation for the students who wish to specialize in Economics, but also as a survey of the most important problems of economic life for the student whose interests lie in other fields.

Students are required to write occasional short papers in connection with their private reading, and one short report on a specially assigned topic.

2nd Semester.

Introduction to Government and Politics: Dr. Fenwick and Dr. Wells.

Five hours a week.

(This course may be taken as a free elective. The class is divided into two sections, A and B, one conducted by Dr. Fenwick and one by Dr. Wells.)

The object of this course is to present the structure and organization of the government of the United States and of the governments of the several states, together with an examination of the party system and its effects upon the actual operations of government. It is followed by a comparative study of the governments of Great Britain, France, and Germany.

SECOND YEAR

(Given in 1929-30)

1st Semester.

Present Political Problems: Dr. Fenwick.

Five hours a week.

This course deals with the vital problems of modern government, both theoretical and practical. It inquires into the authority of the state and the legal and moral basis upon which it rests. It analyzes the constitutional foundations of modern democracy and the newer forms of organization which are replacing the old governmental machinery. In particular it examines the new fields into which government is extending its control and the limitations in this respect imposed by the Constitution of the United States.

2nd Semester.

History of Economic Thought and Recent Economic Problems: Dr. Duncan.

Five hours a week.

The object of this course is to trace the history of secular thinking on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labor, value and price, to the present time.

An historical introduction occupying about half the semester leads to a survey of the modern economic world and its problems.

The students are expected to do extensive reading and to write a number of short papers on their reading.

FREE ELECTIVE COURSE

Elements of Law: Dr. Fenwick.

One hour a week throughout the year.

(Given in each year)

*Free
Elective
Courses*

(This course may be elected only by students who have studied economics and politics or modern history at least five hours a week for one year.)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The subjects covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property, and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

International Law: Dr. Fenwick.

Two hours a week throughout the year.

(Given in 1929-30)

The object of this course is to examine the existing rules of international law in order to determine their origin, their general observance and their applicability to the changed conditions of modern international life. Special stress is laid upon the interpretation of international law by the United States and upon the organization and administration of the League of Nations.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.

Three hours a week throughout the year.

(Given in 1930-31)

Municipal Institutions: Dr. Wells.

Two hours a week throughout the year

Urban problems, political, economic, and social, are considered in their relations to the structure and functions of municipal government. Some attention is devoted to the historical development of municipal institutions, but the primary emphasis is placed upon contemporary questions of municipal finance, city planning, housing, public utilities, and other topics. The course deals not only with American, but also with foreign cities, especially those of Great Britain, France, and Germany. Class discussions and reports on various phases of municipal administration are supplemented by observation trips and inspection of city departments in Philadelphia.

The History of Political Thought: Dr. Wells.

Two hours a week throughout the year.

Political Parties and Electoral Problems: Dr. Wells.

Two hours a week throughout the year.

An advanced course in Municipal Institutions, The History of Political Thought or Political Parties will be given in 1929-30.

Money and Banking: Dr. Dulles.

Two hours a week throughout the year.

(Given in 1929-30)

(If desired a student may count this for a three hour advanced course)

The object of this course is to study the influence of money and credit on economic life, the modifying effect of the Federal Reserve system, various attempts to lessen fluctuations of prices, and measures to avoid crises in the security markets. Time will be devoted to

methods of forecasting the future course of events, index numbers, and other measures of economic changes.

The forces which control internal price levels and production will then be related to the financial condition of other countries. International contacts through commerce and investments will be stressed. Some of the topics are the influence of credit on production, forces behind stock movements, the power of discount rates, the influence of foreign price levels on domestic conditions, the bearing of war debts and reparation payments on American finance, and the effect of extreme depreciation. The students will be asked to carry on their study through reports on the evolution of financial institutions, banking problems in the United States, monetary theory, and the urgent problems in international finance which characterise the postwar period.

International Finance: Dr. Dulles. *Two hours a week throughout the year.*

This course will be given when Money and Banking is not given.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY,* Ph.D.
ASSOCIATE PROFESSOR:	HORNELL HART, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
LECTURER:	ALMENA DAWLEY, M.A.
SPECIAL LECTURERS:	EVA WHITING WHITE, A.B.
	ALICE HAMILTON, M.D.
LECTURER:	To be appointed

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The undergraduate instruction offered in this department covers ten hours a week of free electives.

FREE ELECTIVE COURSES

Elements of Statistics: Dr. Kingsbury.* *Two hours a week throughout the year.*

(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, graphic methods, averages, measures of variation, theory of sampling, index numbers, theory of probability, and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations and to social organizations.

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by an instructor to be announced later.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

Two hours a week throughout the year.

(Given in each year)

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighbourhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart.

Three hours a week throughout the year.

(Given in each year)

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique of social progress. A course in social science is prerequisite for this course.

Labour Problems: Dr. Dulles.

Three hours a week throughout the year.

(Given in each year)

The present day problems of labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labour, compensation, social insurance, welfare work, and the radical experiments of labour. The significance of workers' education and of the various labour colleges and schools is stressed, with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses* and in *The Announcement of the Carola Woerishoffer Graduate Department of Social Economy and Social Research*.

Philosophy

PROFESSORS: THEODORE DE LEO DE LAGUNA, Ph.D.

GRACE MEAD ANDRUS DE LAGUNA, Ph.D.

READER: To be appointed

The undergraduate instruction offered in this department covers thirteen hours of lectures a week: it includes a required course of two hours a week and ten hours a week of undergraduate first and second year work.

For students who have shown marked ability in the first year of the major course provision is made for honours work.

A course in philosophy, two hours a week throughout the year, and a course in psychology, two hours a week throughout the year, are required of all candidates for the degree of Bachelor of Arts.

The first year course in philosophy presupposes as much information as is contained in the required course.

History of European Thought: Dr. Theodore de Laguna, Dr. Grace de Laguna.

Two hours a week throughout the year.

(Given in each year)

**Required
Course**

The lectures treat in outline of the development of the scientific attitude toward the world, from the beginnings of Greek speculation to the Nineteenth Century. Selections from ancient and modern philosophical literature are read by the class.

*Major
Course*

FIRST YEAR

(Given in each year)

1st Semester.

Elementary Ethics: Dr. Theodore de Laguna.

Three hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The classical theories of the subject, such as Stoicism and Epicureanism, are briefly treated, emphasis being laid less upon the abstract issues involved than upon the rival "ways of life." The modern evolutionary theory of morals is studied at greater length.

History of Morality: Dr. Grace de Laguna.

Two hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This course treats of the development of moral ideals and obligations from primitive to civilized conditions. Especial attention is given to the moral standards connected with marriage and the position of women. The relation of morality to magic and taboo, as well as to polytheistic and monotheistic religion, is studied, and also the interaction between economic conditions and moral standards.

2nd Semester.

Philosophical Problems: Dr. Grace de Laguna.

Three hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

This is primarily a discussion-course. The student will be introduced to certain of the classic philosophical problems and typical solutions which are offered for them. The problems selected for discussion will be those which are living issues, and an attempt will be made to show their bearing on scientific and social movements of the present time. For example, the problem of free-will and determinism will be considered in its bearing upon the question of social responsibility and the punishment of criminals; the problem of the nature of mind and its connection with the body will be related to the recent psychological controversy over behaviorism.

Elementary Logic: Dr. Theodore de Laguna.

Two hours a week.

(Open only to students who have taken the required course in philosophy. May be taken as a free elective.)

The object of this course is, first, to give the student an acquaintance with the traditional subject-matter of deductive and inductive logic, and, secondly, to show its relations to the wider problems of metaphysics and the theory of knowledge. In the concluding weeks some account is given of recent developments in logical theory.

SECOND YEAR

(Given in each year)

1st Semester.

From Kant to Spencer: Dr. Grace de Laguna.

Three hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is principally devoted to the study of the post-Kantian idealism. The naturalistic systems of Comte, John Stuart Mill, and Spencer are more briefly considered.

Social Philosophy: Dr. Theodore de Laguna.

Two hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

This course is a study of the philosophical ideas that have been connected with the rise of modern democracy and nationalism. The more important theories of the nature of the state, and of the relation of the state to other forms of social union, will be discussed; also certain special moral questions related to the theory of punishment.

2nd Semester.

Recent Philosophical Tendencies: Dr. Theodore de Laguna.

Three hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

An introduction to contemporary controversy is given by way of a study of a few of the more important recent movements of thought.

Elementary Aesthetics: Dr. Grace de Laguna.

Two hours a week.

(Open only to students who have taken the first year courses in Elementary Ethics and Philosophical Problems. May be taken as a free elective.)

The subject is approached primarily from the anthropological side. The origins of art and its relations to other forms of culture, especially magic, religion, industry, and war, are studied, as well as the development and diffusion of æsthetic standards. Briefer consideration is given to the psychological phenomena involved in æsthetic appreciation.

HONOURS WORK

Work for special honours in philosophy consists of independent private *Honours* reading, with frequent conferences with the instructor, and occasional reports in which the principal results of the reading are brought together. The subjects chosen will not be confined to the technical aspects of philosophy, but will on the contrary emphasize its connection with general literature, art, and politics, or with some special science in which the student has an interest. The following are suggested as possible subjects:

The Philosophy of Plato.

Platonism in English Poetry.

The Philosophy of Jean-Jacques Rousseau.

Philosophical Interpretations of Evolution.

Theories of Language: their Bearing upon the Problem of Knowledge.

Mathematical Logic.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Psychology

PROFESSORS:	JAMES H. LEUBA, * Ph.D.
	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	HARRY HELSON, Ph.D.
LECTURER:	CLARENCE LEUBA, Ph.D.
DEMONSTRATOR:	JANE FRANCES FAISSLER, A.B.
READER:	ELEANOR LOWENSTEIN, A.B.

The undergraduate instruction offered in this department covers fourteen hours of lectures a week; it includes a required course of two hours a week;

* Granted leave of absence for the year 1929-30.

ten hours a week of undergraduate first and second year work; two hours a week of free elective work and in addition honours work may be done by students who have distinguished themselves in the regular courses.

This course in psychology, two hours a week throughout the year, is required of all candidates for a degree.

The first year course in psychology presupposes as much information as is obtained in the required course.

**Required
Course**

Psychology: Dr. Helson and Dr. C. Leuba.

Two hours a week throughout the year.

(Given in each year)

In connection with the lectures there are experimental demonstrations.

FIRST YEAR

1st Semester.

(Given in each year)

**Major
Course**

Experimental Psychology: Dr. Helson and Dr. C. Leuba.

Five hours a week.

Laboratory Work: Dr. Helson and Dr. C. Leuba.

Four hours a week.

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

The lectures take up certain topics in systematic psychology. The historical, critical, and theoretical features of the subjects covered are discussed and the experimental features demonstrated. Special stress is laid on the comparative study of methods. The laboratory work consists of individual practice in selected topics.

2nd Semester.

The Psychology of Action, Including Instinct, Emotion and Animal Behaviour: Dr. C. Leuba.

Five hours a week.

(Open only to students who have taken the required course in psychology. May be taken as a free elective.)

The analysis of learning and of behaviour in man and animals is of special interest to students of education.

SECOND YEAR

1st Semester.

(Given in each year)

Social Psychology: The Psychology of Group Life and of Some Social Institutions: Dr. C. Leuba.

Five hours a week.

(Open only to students who have taken the first year course in Psychology of Action, five hours a week in the second semester. Experimental Psychology is not a prerequisite. May be taken as a free elective.)

2nd Semester.

Mental Tests and Measurements: Dr. Rogers.

Five hours a week.

Laboratory Work: Dr. Rogers.

Four hours a week.

(Open only to students who have taken the first year course in Experimental Psychology, five hours a week during the first semester. May be taken as a free elective.)

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

FREE ELECTIVE COURSE

Advanced Experimental Psychology: Dr. Helson.

*Two or more hours a week throughout the year.**(Given in each year)*

This course is intended for students who wish to be trained in research work. It is primarily for third year students in psychology, but in very special cases by permission of the instructor it may be taken by a student who has taken the first year course in experimental psychology. The instructor will co-operate with the students in the solution of some original problems.

*Free
Elective
Course*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR:	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	ILSE FOREST, Ph.D.
INSTRUCTOR:	CECILIA IRENE BAECHLE, M.A.
INSTRUCTOR AND RESEARCH ASSISTANT:	FRANCES MARGUERITE CLARKE, Ph.D.
ASSISTANT IN THE CLINIC:	E. LOUISE HAMILTON, Ph.D.

The undergraduate instruction offered in this department covers nine hours a week and an additional five hours a week for the second semester only of free elective courses.

FREE ELECTIVE COURSES

Educational Psychology: Dr. Rogers. *Three hours a week throughout the year.*
(Given in each year)

This course provides the psychological basis for educational theory and practice, including the psychology of elementary and high school subjects.

The Psychology of the Elementary and High School Subjects: Dr. Rogers.

(Not given in 1929-30)

Open only to students who have taken or are taking the course in Educational Psychology.

Mental Tests and Measurements: Dr. Rogers and Dr. Clarke.

Five hours a week during the second semester.

Laboratory Work: Dr. Rogers.

*Four hours a week during the second semester.**(Given in each year)*

This course provides a foundation for the theory and practice of mental tests and the measurement of school achievements. It prepares the student for more specialized work in the application of tests to education, vocational guidance, business, etc. The laboratory work includes practice in giving tests of general intelligence, of special abilities (mechanical, intellectual, artistic, etc.), and of achievements.

This course is open to students who have attended the minor course in experimental psychology or its equivalent.

*Free
Elective
Courses*

Child Psychology: Dr. Forest.*Three hours a week throughout the year.**(Given in each year)*

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest.*Two hours a week throughout the year.**(Given in each year)*

This course presents a study of the principles basic to educational procedure. It includes such topics as (1) the relation of the school to the community, (2) a critical consideration of methods of teaching, and (3) considerations influencing the selection of subject matter. Special emphasis will be placed upon the philosophy and practice of the progressive school.

Advanced Principles of Education. Dr. Forest.*One hour a week throughout the year.**(Given in each year)*

This course deals with special phases of the principles of education depending upon the needs and interests of the students who are registered in the two-hour course.

This course will be given only when, in the opinion of the instructor, there are students who can profit by it. Students may enter the course only with the special permission of the instructor.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Classical Archæology**PROFESSOR:**

RHYS CARPENTER, * Ph.D.

ASSOCIATE PROFESSOR AND ACTING**HEAD OF THE DEPARTMENT:**

MARY HAMILTON SWINDLER, Ph.D.

ASSOCIATE PROFESSOR:

PRENTICE DUELL, † M.Arch.

LECTURER:

CHARLES H. MORGAN, Ph.D.

Undergraduate courses of three hours a week and two hours a week are offered affording an introduction to the various branches of classical archæology. It is recommended that those who elect archæology as a major subject should offer Greek Sculpture, Ancient Painting and Vases, and Greek Minor Arts, during their first year, reserving for their second year the courses on Ancient Architecture, Roman Architecture, Ancient Athens, Egypt and Crete, and Ancient Rome. The elective course in Greek Religion and Greek Myths may be substituted for any two hours course. The undergraduate courses are fully illustrated with lantern slides, and photographs are available for review and comparison.

* Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

† Granted leave of absence for the year 1929-30. Mr. Duell's courses will be given by Dr. Morgan.

FIRST YEAR

(Given in each year)

Greek Sculpture: Dr. Swindler.

*Three hours a week throughout the year.***Major
Course**

A critical study of the rise, perfection, and ultimate developments of sculpture in Greece. The course is intended as a general introduction to the principles and appreciation of sculpture.

Ancient Painting: Dr. Swindler.

Two hours a week during the first semester.

The course traces the development of ancient painting. The material studied includes Egyptian and Cretan frescoes, Greek vases, Pompeian wall paintings and the paintings from Etruscan sites.

Greek Minor Arts: Dr. Morgan.

Two hours a week during the second semester.

In addition to the archaeological study of ancient Greek coins, gems, jewelry, silver-smithing, and terra-cotta, this course serves to give an understanding of the general æsthetic principles of art by an analysis of the morphological evolution and fundamental assumptions of Greek art. The course includes a brief treatment of the influence of Hellenic art on the art of other races.

Greek Religion and Greek Myths: Dr. Wright.

Two hours a week throughout the year.

This course is supplementary to Greek and English literature and to Oriental and Classical Archæology and treats of the development of Greek religion, the attributes of the Olympian Gods, such as Zeus and Apollo, their ritual, and the influence on literature of Greek myths. The course may be entered in the second semester.

SECOND YEAR

Ancient Architecture: Dr. Morgan.

*Three hours a week during the first semester.**(Given in each year)*

The first twelve lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

Ancient Athens: Dr. Morgan.

*Two hours a week during the first semester.**(Given in each year)*

The monuments and the life of ancient Athens form the basis of this course.

Roman Architecture: Dr. Morgan.

*Three hours a week during the second semester.**(Given in each year)*

The architecture of Rome and the Roman Empire down to late Imperial times is studied. Students who have not taken the course in Ancient Architecture are required to prepare themselves by reading Warren's *Foundations of Classic Architecture*, chapter v, and Fowler and Wheeler's *Greek Archæology*, chapter ii. The course on Ancient Rome should be taken in connection with this course.

Egypt and Crete: Dr. Carpenter.*

One hour a week during the second semester.

A general study of the artistic and material aspects of the ancient Egyptian and the Cretan and Mycænean civilizations. This course may be combined with Ancient Architecture, Ancient Rome, or Greek Minor Arts.

Ancient Rome: Dr. Swindler.

*Two hours a week during the second semester.**(Given in each year)*

The course deals with the art and material civilization of Rome through Republican and Imperial times. It is intended as an archaeological background to Latin studies and as an introduction to Roman art, especially sculpture and painting. The course includes a study of Etruscan art and its influence on early Rome.

* Granted leave of absence.

FREE ELECTIVE COURSE

*Free
Elective
Course*

American Archaeology: Mr. Duell.* *Two hours a week throughout the year.*
(Not given in 1929-30)

The first semester deals with the Pueblo, village, and camp dwelling Indians of the Southwest; the second semester with the Mayas, Toltecs, and Aztecs of Mexico and the Incas of Peru.

HONOURS WORK

Honours

Honours work will be offered by the department for students who have completed two years of work in the department with distinction.

In 1929-30 the work will deal with Greek Vases. Various styles and masters will be studied and some of the problems connected with Greek Vases, such as *Kalos* names, Etruscan trade relations and their significance, and the importance of Greek Vases for certain aspects of Greek life, e.g., of the vases dealing with the theatre and with religious subjects.

In 1930-31 the work will deal with Aegean Archaeology. The relations of the Orient with Crete will be studied in detail.

The work will be conducted by means of reports, reading assigned in various fields and discussion of topics.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History of Art

PROFESSOR: GEORGIANA GODDARD KING, M.A.
ASSOCIATE PROFESSOR: ERNST DIEZ, † Ph.D.
LECTURER (Semester II): EDWARD S. KING, M.F.A.

The undergraduate instruction offered in History of Art covers fifteen hours of lectures a week. It includes ten hours a week of undergraduate first and second year work, and five hours a week of advanced undergraduate work open to graduate students and to undergraduates who have completed the major course in History of Art.

All the courses are illustrated with lantern slides, a large collection of photographs is used in the course of study and the photographs are available for review and comparison.

The Art Club, a student organization, offers an extra curriculum course in drawing and painting on Saturday mornings. The students work individually also during the week. This work is carried on under the auspices of the Department of History of Art.

FIRST YEAR

(Given in each year)

*Major
Course*

Italian Painting of the Renaissance from the Middle of the Thirteenth to the Middle of the Sixteenth Century: Miss King.

Three hours a week throughout the year.

(May be taken as a free elective)

* Granted leave of absence for the year 1929-30.

† Granted leave of absence for the second semester of the year 1929-30.

In the first semester the Italian Primitives are studied, chiefly in the schools of Florence, Siena, and Umbria; in the second semester the painters of the High Renaissance, with special attention to those of Venice and the north of Italy. The course is illustrated with photographs and lantern slides.

Art in Asia: Dr. E. Diez.*

Two hours a week during the first semester.

(May be taken as a free elective)

A general introduction in the history of art in Asia since the period of Alexander the Great. The great cycles of art in Asia, the Mohammedan, the Indian and the Far Eastern are studied.† The main monuments of these different arts are discussed and special emphasis is placed on the art in China and Japan.

Minor Arts of the Middle Ages: Mr. King.

Two hours a week during the second semester.

(May be taken as a free elective)

SECOND YEAR

(Given in each year)

Painting Since the Renaissance: Miss King.

Two hours a week throughout the year.

Northern painting: in the first semester the Flemish primitives, and the great masters of Spain and the Low Countries in the Seventeenth Century, are studied carefully; some acquaintance with the French and German primitives, and with the art of the Eighteenth Century in France and England is also comprehended in the plan.

Modern Painting: in the second semester the course deals with the history of painting since 1800 and comes down to the present year. Students are expected to make trips to Philadelphia and the neighbourhood to study pictures as often as may seem necessary.

Mediæval Art, Byzantine and Romanesque: Dr. E. Diez.

Three hours a week during the first semester.

Byzantine art in its various aspects is studied in the early part of the semester and the question of its origin considered. The latter part of the time is devoted to architecture and the allied arts in Italy, Germany, France and Spain up to the close of the Romanesque period.

Mediæval Art, Gothic: Mr. King. *Three hours a week during the second semester.*

A continuation of the course in Mediæval Art offered in the first semester. Gothic Art, including glass and miniatures, is traced down into the Renaissance. Emphasis will be placed on Gothic Architecture and Sculpture.

ADVANCED UNDERGRADUATE COURSES

Spanish Primitives: Miss King.

Three hours a week throughout the year.

(Given in 1929-30)

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Spanish Architecture: Miss King.

Three hours a week throughout the year.

(Given in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic Churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

* Granted leave of absence for the second semester of the year 1929-30.

† Far Eastern Art only will be given in 1929-30.

Renaissance Sculpture: Miss King.*Three hours a week throughout the year.*

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

Oriental Art: Dr. E. Diez.**Two hours a week during the first semester.**(Given in 1929-30)*

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the æsthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez.*Two hours a week throughout the year.**(Given in 1930-31)*

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the Seventeenth and Eighteenth Centuries.

HONOURS WORK**Honours**

Beginning in 1929-30 special work will be offered to students recommended by the department for honours in History of Art, either in Oriental Art, Mediæval Archæology, or in Renaissance and Modern Art. It will involve a scheme of reading and individual conferences and include the preparation of reports and special examinations. In the second semester of the year 1929-30 Mr. King will take over the work of Dr. Diez in directing candidates for honours.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Music**PROFESSOR: HORACE ALWYNE, F.R.M.C.M.****ASSOCIATE: ERNEST WILLOUGHBY, A.R.C.M.**

The undergraduate instruction offered in theoretical music covers fourteen hours of lectures a week.

The objects of the undergraduate course in music are to permit students to make music an integral part of a liberal education, and to enable them, through the courses in Harmony and Counterpoint, to gain a knowledge of the technique of composition by actual experience in using its materials, and, through the courses in History and Appreciation of Music, to realize the significance of great music æsthetically, historically and sociologically. In the latter courses a large number of compositions drawn from all forms of music are performed and discussed in the classes.

* Granted leave of absence for the second semester of the year 1929-30. Mr. Edward S. King will give advanced work in the second semester, the subject to be announced later.

The "Music Fund" of Boston, Massachusetts, offers a scholarship of the value of \$350 to \$500 to students, graduate or undergraduate, training to become teachers of music in public or private schools or colleges. This is open to students who have complied with the requirements for admission to Bryn Mawr College.

The Department of Music gives a series of concerts and recitals assisted by well-known artists, which is designed to supplement and amplify the work done in the Courses in History and Appreciation of Music, and an informal musicale once a month in which students take part as well as visiting musicians. A lecture is given each week outside college hours and open to all members of the College, on the programme to be performed by the Philadelphia Orchestra or by other important musical organizations or artists.

The chapel choir of forty members and the college glee club are organised under the direction of the Department of Music.

FREE ELECTIVE COURSES

History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Three hours a week throughout the year.

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven; and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archaeology, History of Art, and English will discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Three hours a week throughout the year.

(Given in each year)

The course in History and Appreciation of Music is required for admission.

This course consists of the study of the History of Music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, and Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

*Free
Elective
Courses*

Elementary Harmony: Mr. Willoughby. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing from notes and to take musical dictation.

This course is the beginning of composition. It does not impose upon the student mere copying of a model, but gives her some intellectual and æsthetic liberty. The student learns to use major and minor triads in their root positions and inversions and the dominant seventh chord. The student learns not only to write these logically but to hear them when writing them. Original melodies are required, these being based on poetic meters.

Elementary Counterpoint: Mr. Willoughby. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course offers full opportunity for the expression of the individual student.

Advanced Harmony: Mr. Alwyne and Mr. Willoughby. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony and carries the student through modern harmonic relations. Original melodies are written and harmonized, many modern compositions are analyzed, and an opportunity is given for freedom of expression.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Mathematics

ASSOCIATE PROFESSOR:	DAVID VERNON WIDDER, Ph.D.
ASSOCIATE:	MARGUERITE LEHR, Ph.D.
NON-RESIDENT LECTURER:	ANNA PELL-WHEELER, Ph.D.
INSTRUCTOR:	R. LUCILE ANDERSON, A.B.

*Preparatory
Course*

The undergraduate instruction offered in mathematics covers eighteen and a half hours of lectures and recitations a week; it includes ten hours a week of undergraduate first and second year work and eight hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in mathematics.

In the second year course the students are able to gain a fair knowledge of the principal subjects belonging to the department of pure mathematics. The points of contact of mathematics with other sciences are indicated as far as possible throughout the course.

The two-hour course in trigonometry included in the first semester of the first year course in mathematics may be taken separately as a free elective. It is required for admission to the second year courses in physics.

An examination for advanced standing may be taken by those who do not wish to attend the course and yet wish to elect the first year course in mathematics or the second year course in physics.

FIRST YEAR

*1st Semester.**(Given in each year)*

Analytic Geometry: Dr. Lehr and Miss Anderson.

Trigonometry: Dr. Lehr and Miss Anderson.

Two hours a week.

The course in trigonometry may be taken separately as a free elective. The course in analytic geometry may be taken separately by those students only who have passed the examination for advanced standing in trigonometry.

2nd Semester.

Elementary Differential and Integral Calculus: Miss Anderson.

Three hours a week.

Algebra and Theory of Equations: Dr. Lehr.

Two hours a week.

The three-hour and two-hour courses in this semester may not be elected separately.

SECOND YEAR

*1st Semester.**(Given in each year)*

Differential and Integral Calculus: Dr. Widder.

Three hours a week.

Analytical Geometry of three Dimensions and Calculus: Dr. Lehr.

*Two hours a week.**2nd Semester.*Calculus, General Survey of Mathematics: Dr. Widder. *Three hours a week.*

Differential Equations: Dr. Lehr.

Two hours a week.

The three-hour and two-hour courses in each semester may not be elected separately.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

The advanced courses chosen from in any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder.

Three hours a week throughout the year.

Applications of Calculus: Dr. Wheeler.

Two hours a week throughout the year.

Modern Geometry: Dr. Lehr.

Three hours a week throughout the year.

Projective Geometry: Dr. Lehr.

Two hours a week throughout the year.

Introduction to the Theory of Functions of a Real Variable: Dr. Wheeler.

Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of Mathematics.

Introduction to the Theory of Functions of a Complex Variable: Dr. Widder.

Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of Mathematics.

**Major
Course****Advanced
Courses**

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

SCIENCE

Physics, Chemistry, Geology, Biology

In January, 1893, the Trustees opened Dalton Hall, a large building, containing ample laboratories, lecture-rooms, research-rooms, special libraries, and professors' rooms for the work of the scientific departments. The chemical, geological, biological, and physical laboratories are open for students from nine to six daily.

The attention of graduates of medical colleges and of undergraduate and graduate students intending to take the degree of Doctor of Medicine is called to the facilities offered by the laboratories, and to the resolutions of the Trustees of the Johns Hopkins University in regard to the admission of students to the Medical School of that University, which opened in the autumn of 1893, and has from the first admitted women on the same terms as men. The courses of Bryn Mawr College in physics, chemistry, and biology correspond to those of Johns Hopkins University,[†] and it is

[†] REQUIREMENTS FOR ADMISSION TO THE MEDICAL DEPARTMENT OF JOHNS HOPKINS UNIVERSITY

"As candidates for the degree of Doctor of Medicine the school receives a maximum of 75 students in each class who must present the qualifications indicated below:

1. Those who have satisfactorily completed the Chemical-Biological Course which leads to the A.B. degree in this University.

2. Graduates of approved Colleges or Scientific Schools who can furnish evidence: (a) That they have acquaintance with Latin and a reading knowledge of French and German; (b) That they have such knowledge of biology, chemistry, and physics as may be obtained from the minimal courses as follows: **BIOLOGY**.—Three hours of class work per week for one year, and 180 hours of laboratory work upon the structure, functions and life-histories of selected types of animal and plant life. It is desirable that the course should include laboratory instruction in embryology. Courses in botany or zoölogy will be accepted provided the laboratory work has been adequate. **CHEMISTRY**.—Two years of college work, in which two-thirds of a year should be devoted to organic chemistry. Each year's course should comprise three classroom exercises a week and five or preferably six hours of laboratory work. This represents only a minimal training, and three years' work is advised, including a short course of lectures and demonstrations in elementary physical chemistry.

3. Students who have completed in Johns Hopkins University 110 of the 125 points required for the Bachelor's degree, including the required work in biology, chemistry, and physics, and in the languages, may be admitted to the Medical School, and will receive the degree of Bachelor of Arts when they have satisfactorily completed one year of work therein. The privilege, however, will be accorded only when the college standing averages 85 or more.

As it has been ascertained that certain acceptable institutions will have difficulty in providing students with additional work the decision to require three years' preparation in chemistry from October, 1923, has been rescinded. It is understood, however, that applicants presenting such preparation will be given preference.

In view of the increasing employment of mathematical conceptions in chemical work, students expecting to take up the study of medicine are advised to include one year of mathematics in their college course. (See footnote, page 83.)

easy for a student to elect a course corresponding exactly to the Preliminary Medical Course of Johns Hopkins University. Students planning to begin the study of medicine should elect physics for one year and biology for two years and chemistry for two or three years.

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.

JAMES BARNES, Ph.D.

INSTRUCTOR: SUE AVIS BLAKE, M.A.

The undergraduate instruction offered in physics covers fourteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work, one or two hours a week of free elective work and three hours a week of advanced courses, open only to graduates and to undergraduates who have completed the major courses in physics.

The first year of the major course deals principally with the development of physical facts and is accordingly mainly experimental and descriptive in its nature. A wide range of physical phenomena and the elements of physical theories are treated. The course is planned to cover the whole subject from this point of view so as to give those who do not intend to pursue physics further, such a knowledge of its principles as will enable them to follow its recent development and applications, and also to provide those electing physics as a group with a good foundation for more advanced work. In the second year the course is intended to serve as an introduction to the theories to which experimental evidence has led. The treatment is accordingly more mathematical than in the first year, but the experimental side of the subject is still emphasized. A knowledge of trigonometry is required, and some familiarity with the methods of the calculus will be of assistance.

FIRST YEAR

1st Semester.

(Given in each year)

Mechanics, Heat, Sound, and Properties of Matter: Dr. Huff.

Three hours a week.

Laboratory Work: Dr. Huff and Miss Blake.

Six hours a week.

**Major
Course**

2nd Semester.

Electricity, Magnetism, and Light: Dr. Barnes.

Three hours a week.

Laboratory Work: Dr. Barnes and Miss Blake.

Six hours a week.

The instruction in this course is given by means of lectures, daily oral quizzes, occasional written quizzes, regular problem papers, and required private reading. Students are

(Continued from footnote, page 82.)

PHYSICS.—A collegiate course consisting of three hours of class work per week for one year and at least 120 hours of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

LATIN.—The student must have studied Latin grammar and possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

The requirements for admission to the Medical College of Cornell University include English and a modern language.

The Woman's Medical College of Pennsylvania admits students of Bryn Mawr College who have pursued the chemical-biological course that leads to the A.B. or the Ph.D. degree.

expected to use, in connection with the lectures, text-books on the special part of the subject under discussion; at present Kimball's *College Physics* is used for reference; also the text-books of Ames and Glazebrook. The lectures are illustrated throughout by means of the lantern, by demonstrations on the lecture table, and by the exhibition of apparatus, etc.

In the laboratory, the students are first instructed in the methods of accurate measurement of the simple quantities, length, time, and mass; later, they make a series of determinations, mainly quantitative, on the part of the subject under discussion in the lecture room at the time. Ames and Bliss's *Manual of Experiments in Physics* is found useful as a reference work for part of this course. A system of laboratory lectures has also been developed to supplement the class-room work, to point out sources of error and their treatment, to demonstrate methods of manipulation, and, in general, to give directions for working which are applicable to the class as a whole; they are given at the beginning of each week's laboratory work. The object of the work is to familiarize the students with the instruments and methods used in physical measurements, with special reference to the quantitative laws upon which the science is based. The laboratory is equipped with this object in view, and the apparatus is all of the most modern design.

SECOND YEAR

1st Semester.

(Given in each year)

Theoretical Mechanics, Theory of Light: Dr. Barnes.

Three hours a week.

Laboratory Work: Dr. Barnes and Miss Blake.

Six hours a week.

2nd Semester.

Theory of Heat, Theory of Electricity and Magnetism: Dr. Huff.

Three hours a week.

Laboratory Work: Dr. Huff and Miss Blake.

Six hours a week.

The instruction is given by lectures, supplemented by the discussion of weekly problem papers; the text-books mentioned below indicate the character of the ground covered, and form the basis of the lectures. Private reading and outside preparation will take at least three and a half hours a week, and the course counts as a five-hour lecture course. An endeavour is made to bring the student into contact with the work of original investigators.

The general text-book used is Watson, *Physics*; the books used in special subjects are as follows: heat: Maxwell, *Theory of Heat*, Preston, *Theory of Heat*; dynamics: selections from Tait and Steele's *Dynamics of a Particle*, Jean's *Theoretical Mechanics*; and special lectures dealing with the applications of dynamics to physical problems; electricity and magnetism: J. J. Thomson, *Elements of the Mathematical Theory of Electricity and Magnetism*; optics, physical and geometrical: Preston, *Theory of Light*, Edser, *Light*.

The laboratory work of the second year is designed to follow and illustrate the subject-methods of physical investigation. A special study is made of the sources and amounts of the errors involved in the different operations, and the problems assigned are adapted as far as possible to the requirements and wishes of the individual students.

FREE ELECTIVE COURSES

Free Elective Courses

Physical Basis of Music: Dr. Huff.

One hour a week throughout the year.

(Given in 1929-30 and again in 1931-32)

In the lectures of this course it is planned to present some of the physical principles illustrated in the construction of musical instruments and underlying the general theory of music. Private reading is assigned.

Descriptive Astronomy: Dr. Huff.

One hour a week throughout the year.

(Given in 1930-31 and again in 1932-33)

This course is elementary. Students will use a text-book and star-maps and will do some general reading on assigned topics. Lecture-experiments and lantern-slides will be used. The course is open to juniors and seniors only, but not to auditors or hearers.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

**Advanced
Courses**

Electricity and Magnetism: Dr. Huff. *Three hours a week throughout the year.*

(Given in 1929-30)

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff. *Three hours a week during the first semester.*

(Given in 1931-32)

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff. *Three hours a week during the second semester.*

(Given in 1931-32)

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes. *Three hours a week throughout the year.*

(Given in 1932-33)

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes. *Three hours a week during the first semester.*

(Given in 1930-31)

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes. *Three hours a week during the second semester.*

(Given in 1930-31)

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Chemistry

PROFESSOR: JAMES LLEWELLYN CRENSHAW, Ph.D.
 ASSOCIATE PROFESSOR: LOUIS FREDERICK FIESER, Ph.D.
 INSTRUCTOR: EDITH HAMILTON LANMAN, M.A.

The undergraduate instruction offered in chemistry covers fifteen hours of lectures a week; it includes ten hours a week of undergraduate first and second year work and five hours a week of advanced courses open only to graduates and to undergraduates who have completed the major course in chemistry.

The first year's work is a general introduction to the subject. Lectures are given in inorganic chemistry and qualitative analysis.

In the second year particular attention is paid to the quantitative side of chemical phenomena. The lectures are on physical and organic chemistry.

The advanced undergraduate courses are intended to prepare students for independent work, particular attention being paid to laboratory methods.

FIRST YEAR

1st Semester.

(Given in each year)

Major Course

Introduction to General Chemistry: Dr. Crenshaw. *Three hours a week.*

Laboratory Work: Dr. Crenshaw, Miss Lanman. *Six hours a week.*

The course does not presuppose any knowledge of chemistry. In the class-room the nature of chemical action is taught by lectures that are illustrated by a series of experiments in which the more important substances are made and transformed, the time being spent largely on the non-metals. Throughout the semester the lectures and the laboratory work are complementary. After all the experiments on a given subject have been carried out the results are discussed in the class-room.

2nd Semester.

The Chemistry of the Metals: Dr. Fieser. *Three hours a week.*

Laboratory Work: Dr. Fieser, Miss Lanman. *Six hours a week.*

This course deals with the properties of the more important metallic elements and their compounds. The methods of separation employed in the laboratory are discussed, and the fundamental principles upon which these methods of separation are based are emphasized. The lectures are supplemented by required private reading.

The laboratory work consists of qualitative analyses. The students are first taught to identify the basic and acidic constituents of solutions; later they are required to carry out analyses of a few alloys and salts.

SECOND YEAR

*1st Semester.**(Given in each year)***Organic Chemistry: Dr. Fieser.***Three hours a week.*

The methods of preparation and the behaviour of the various classes of organic compounds are studied. Emphasis is laid on the processes of reasoning by which the constitution of organic compounds is established.

Laboratory Work: Dr. Fieser.*Six hours a week.*

The laboratory work is devoted to organic preparations. Simple representatives of the more important classes of organic compounds are first prepared and their typical reactions studied. After a familiarity with the methods of dealing with organic substances has been gained, syntheses of a few of the more complex organic compounds are carried out.

*2nd Semester.***Lectures on Elementary Physical Chemistry: Dr. Crenshaw.***Three hours a week.*

In this course chemical facts are considered from the point of view of common and exact relations and from these relations the laws and theories of chemistry are developed. Special attention is paid to the atomic theory, the laws of gases, the theory of solutions and electro-chemistry. Private reading and outside preparation amounting to at least three and a half hours are required.

Laboratory Work: Dr. Crenshaw.*Six hours a week.*

The laboratory work consists of quantitative analyses. Each exercise is important in itself and illustrates some principle or involves some manipulation of general application in analytical work.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced Course***Physical Chemistry: Dr. Crenshaw.***Two hours a week throughout the year.**(Given in each year)*

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser. *Two hours a week throughout the year.**(Given in each year)*

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman. *One hour a week throughout the year.*

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Geology

ASSOCIATE PROFESSOR: MARLAND PRATT BILLINGS, Ph.D.

ASSOCIATE: RALPH STEWART, Ph.D.

The first year of the major course may be taken as a free elective or as a year of required science or as the first year of the major course in geology.

To major in geology an undergraduate must take a total of fifty semester hours in geology and allied subjects. Thirty of these hours should be in the department of geology and include the following courses: elementary geology (5 hours), historical geology (5 hours), systematic paleontology (5 hours), structural geology (5 hours), and determinative mineralogy (10 hours). Ten additional semester hours should be in an allied science, either physics, chemistry, or biology. The final ten semester hours may be either advanced courses in the department of geology or courses in an allied science, either physics, chemistry, or biology, or in some subject which meets the approval of the department.

All the advanced courses require certain preliminary courses as prerequisites as listed below.

Any student wishing to major in geology is advised to take the elementary courses (elementary geology and historical geology) not later than her sophomore year.

FIRST YEAR

1st Semester.

(Given in each year)

Major Course

Elementary Geology: Dr. Billings.

Three hours a week.

Field Work and Laboratory Work: Dr. Billings.

Six hours a week.

The lectures deal primarily with the processes that alter the form of the surface of the earth. The effects of the wind, rivers, glaciers, oceans, volcanoes and mountain building forces are considered. During October and November a field excursion is taken every Monday afternoon to localities of geologic interest. These trips illustrate the composition, origin, folding and erosion of rock masses. In the laboratory, which is held during December and January on Monday and Tuesday afternoons from two to four, an elementary study of minerals, rocks and land forms as illustrated by topographic maps is undertaken.

2nd Semester.

Historical Geology: Dr. Stewart.

Three hours a week.

Field Work and Laboratory Work: Dr. Stewart.

Six hours a week.

The history of the earth and its inhabitants as read from the record of the rocks. Laboratory work includes a study of characteristic fossils, and geological folios of the United

States Geological Survey. In the spring field trips may be substituted for laboratory work. One all day field trip, on Saturday, will be substituted for two half day trips.

SECOND YEAR

1st Semester.

(Given in each year)

(The second and third year courses may be reversed, the second year course being taken the third year and the third year course the second year.)

Systematic Paleontology: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Invertebrate fossils are studied in detail. Vertebrate fossils and plants are studied more generally. Some field work or reading may be substituted for the laboratory work.

2nd Semester.

Structural Geology: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

In addition to the laboratory and lectures there will be reading of geological literature. A brief summary is made of the various types of geologic structures followed by a detailed study of the Appalachian Mountains, the North American Cordillera, the northwest highlands of Scotland and the Alps. The shape and the mechanics of intrusion of igneous masses are also considered.

THIRD YEAR

(Given in each year)

(This course may be taken the second year)

Determinative Mineralogy: Dr. Billings.

Three hours a week throughout the year.

Laboratory Work: Dr. Billings.

Five hours a week throughout the year.

A systematic study of minerals is made. The various tests are used: physical properties, crystallography, blow-pipe analysis and chemical tests. The various mineral groups are then studied: native elements, sulphides, etc. In the fall and spring some field trips to near-by localities may replace laboratory work. (Students majoring in the Department of Chemistry may take this course without having had any of the first or second year geology courses.)

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

**Advanced
Courses**

(Given in each year)

1st Semester.

Optical Mineralogy: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six hours to laboratory and some reading. The course deals with the principles of optical mineralogy and a full training is given in the emersion method of mineral identification. This course is essential for all courses in petrography and petrology.

Prerequisites: elementary geology, historical geology, determinative mineralogy.

2nd Semester.

Descriptive Petrography: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six to laboratory and some reading. The course deals with the mineralogy, texture, chemistry, origin, and geographic distribution of igneous rocks.

Prerequisites: elementary geology, historical geology, determinative mineralogy and optical mineralogy.

(Given in each year)

Stratigraphy and Paleontology: Dr. Stewart.

Three hours a week throughout the year.

Laboratory Work: Dr. Stewart.

Six hours a week throughout the year.

Three hours a week are devoted to lectures, six hours a week to laboratory. The work of the first semester consists of lectures and assigned reading in sedimentation. This is studied by a study of the successive formations and their faunas.

Prerequisites: elementary geology, historical geology, systematic paleontology, and structural geology.

(Given in each year if the time of the Department permits)

1st Semester.

Glaciology: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Three hours a week are devoted to lectures, six hours to reading. This course considers the erosive and depositional features of mountain and continental glaciers. Particular emphasis is on the Pleistocene, but the earlier Ice Ages are also considered.

Prerequisites: elementary geology and historical geology.

2nd Semester.

Advanced Physiography: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Three hours a week are devoted to lectures, six hours to reading, laboratory, or field trips. This course deals with land forms and their origin. Selected areas are also studied.

Prerequisites: elementary geology and historical geology.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Biology

PROFESSOR: DAVID HILT TENNENT, Ph.D.

ASSOCIATE PROFESSOR: FRANZ SCHRADER, Ph.D.

ASSOCIATES: DOROTHEA EGLESTON SMITH, Ph.D.

MARY SUMMERFIELD GARDINER, Ph.D.

INSTRUCTOR: SALLY HUGHES SCHRADER, Ph.D.

The undergraduate instruction offered in biology includes the equivalent of ten hours a week of undergraduate first and second year work; one hour a week of free elective work; and nine hours a week of advanced courses open to graduates and to undergraduates who have completed the major course in biology.

The work of the first year course forms a general introduction to the subject through a broad, comparative study of living things (general biology). In the second year the foundation of a minuter knowledge of animal morphology and physiology is laid. The third year's work, or a dvanced course, is devoted to the study of more advanced subjects and

the practical investigation of simple problems. A knowledge of the elements of chemistry and physics is desirable for students entering any course in biology, and is necessary for advanced work in the subject.

FIRST YEAR

*1st Semester.**(Given in each year)*

Lectures on General Biology: Dr. S. H. Schrader. *Three hours a week.*

Laboratory Work: Dr. S. H. Schrader and Dr. Gardiner. *Six hours a week.*

**Major
Course***2nd Semester.*

Lectures in General Biology: Dr. F. Schrader. *Three hours a week.*

Laboratory Work: Dr. F. Schrader and Dr. Gardiner. *Six hours a week.*

The object of this course is to give the student clear conceptions of the fundamental principles of morphology and physiology and of the relations of the biological sciences to one another and to other branches of science. The laboratory practice is designed to enable the student, as far as possible, to examine for herself the facts discussed in the lectures, to encourage the habit of exact observation, and to impart a knowledge of methods of practical work.

The general subject is treated in two courses which supplement each other and must be taken together. The work is designed not simply to teach the elements of zoölogy and botany, as commonly understood, but in addition to treat plants and animals with constant reference to one another, both as to structure and mode of action. Emphasis is therefore laid on the essential facts of comparative morphology and physiology (general biology) as illustrated by the thorough study of a few types, rather than on the minutiae of classification. At the same time the work is arranged with reference to subsequent special work in zoölogy, botany, and physiology.

In the first semester the student studies a number of animals and plants, so arranged as to form a natural progressive introduction to the general principles of biology. The student makes a detailed examination of unicellular organisms, and from these proceeds gradually to the complex conditions of structure and function found in higher animals and plants. In the second semester attention is given mainly to the biology of the higher animals. Two-thirds of the semester is devoted to a study of the morphology and physiology of vertebrates; the remainder of the semester to a study of the embryology of the frog and, in greater detail, that of the chick.

SECOND YEAR

*1st Semester.**(Given in each year)*

General Zoölogy: Dr. F. Schrader. *Three hours a week.*

Laboratory Work: Dr. F. Schrader and Dr. Gardiner. *Six hours a week.*

This course extends the work of the first year so as to include a survey of the morphology and taxonomy of all the main groups of invertebrate animals. Part of the course is devoted to a critical analysis of the theory of evolution and discussions of the broader philosophical problems of biology such as heredity, variation, adaptation, and kindred topics. These lectures vary from year to year and are intended to be suggestive rather than exhaustive in character.

2nd Semester.

Introduction to Physiology: Dr. Gardiner. *Three hours a week.*

Laboratory Work: Dr. Gardiner. *Six hours a week.*

The aim of this course is to present the facts of the physiological processes in the animal body. Digestion, respiration, circulation, nervous and muscular activity are studied from the point of view of the processes themselves rather than that of the physical and chemical principles underlying them. A previous knowledge of chemistry is not required.

FREE ELECTIVE COURSE

**Free
Elective
Course****Theoretical Biology: Dr. Tennent.***One hour a week throughout the year.**(Given in each year)*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Embryology of Vertebrates: Dr. Tennent. *One hour a week throughout the year.**(Given in 1929-30 and again in 1931-32)*

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick, and Pig. At least four hours of laboratory work are required.

The course is divided as follows: First semester, Early stages of Development. Second semester, Organogeny.

Biology of Bacteria and Protozoa: Dr. F. Schrader.*One hour a week throughout the year.**(Given in 1929-30)*

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.*One hour a week throughout the year.**(Given in 1930-31)*

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

*(Given in each year)***Biochemistry: Dr. Smith.***Two hours a week throughout the year.*

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed the major course in chemistry, will be admitted. Two hours a week of laboratory work are required.

Physiology: Dr. Smith.

Three hours a week during the second semester.

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1929-30 students who have completed the first semester's work in the major course in biology and can meet the prerequisite in chemistry, may enter this course. Six hours a week of laboratory work are required.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the courses offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

GRADUATE WORK

Graduate work is offered in this department. Seminars are arranged in a three-year cycle. Further information will be found in *The Calendar of Graduate Courses*.

Physical Education

DIRECTOR: JOSEPHINE PETTS
ASSISTANT DIRECTOR: MARNA V. BRADY, M.A.
INSTRUCTOR: JANET SEELEY, A.B.

The Physical Education requirement for Freshmen consists of two hours a week of some one activity or of rest, according to the advice of the College Physician and the Director of Physical Education based upon the student's Physical Examination, and one hour a week of Body Mechanics for fifteen weeks during the winter.

Freshmen

For Sophomores the Physical Education requirement is the same as for Freshmen except that one hour a week of Hygiene throughout one semester takes the place of the Body Mechanics course.

Sophomores

Physical Education classes are divided into three sections: Autumn, Winter, Spring. The required work in each section for two years must be satisfactorily completed for graduation as well as the Freshman Swimming Test which consists of:

1. Dive—plain front.
2. Sink and come up twice.
3. Float for two minutes.
4. Swim for twenty minutes, using any stroke, floating and treading water included.

In the autumn, Freshmen and Sophomores may elect their required work, with the consent of the College Physician and the Director of Physical Education, from the following list: Hockey, Fencing, Archery, Swimming, Tennis, Sun Baths.

Autumn

During the winter, the required work for those students who have not passed the swimming test consists of two periods a week of swimming. The only exceptions to this are made by the College Physician. The students who have passed the swimming test may elect their Physical Educa-

Winter

tion classes from the following list: Swimming, Natural Dancing, Clog Dancing, Tumbling, Basket Ball, Lacrosse, Fencing, Water Polo (for those students only who have passed their Physical Examinations with a grade of A or A+), Sun Baths.

Spring

The spring program of Physical Education may be chosen from the following list: Lacrosse, Fencing, Tennis, Swimming, Dancing, Archery.

Upper-classmen

It is expected that the Juniors and Seniors, being aware of the value of play in a busy existence, will take advantage of the opportunities offered them at college to learn well some sport that appeals to them for future use as well as for the purpose of keeping fit while they are here.

Every provision will be made for the Juniors and Seniors in the way of instruction. All the Freshman and Sophomore required classes in sports are open to them. It is an obviously necessary rule, however, that all upperclassmen taking a required sports course must attend regularly so as not to retard the progress of the class. Special advanced work will be arranged for upperclassmen who are ready for it.

Department of Health

1929-30

PRESIDENT OF THE COLLEGE: MARION EDWARDS PARK,* Ph.D., LL.D.

ACTING PRESIDENT OF THE COLLEGE: HELEN TAFT MANNING, Ph.D.

ACTING DEAN OF THE COLLEGE AND CHAIRMAN OF THE COMMITTEE: MARGARET MILLICENT CAREY, Ph.D.

DEAN OF THE GRADUATE SCHOOL: EUNICE MORGAN SCHENCK, Ph.D.

DIRECTOR OF PHYSICAL EDUCATION: JOSEPHINE PETTS

PHYSICIANS OF THE COLLEGE: THOMAS F. BRANSON, M.D.
MARJORIE JEFFERIES WAGONER, M.D.
JOSEPHINE FISHER, A.B.

WARDENS: GRACE EVANS RHOADS, A.B.
KATHERINE MARY PEEK, A.B.
JULIA WARD, A.B.

HELEN BOND CRANE, M.A.

KATHARINE ELISE MCBRIDE, M.A.

CATHERINE PALMER ROBINSON, M.A.

SENIOR RESIDENT:

Health Certificate

All entering students are required to file at the office of the Dean of the College a report of a recent medical examination filled out and signed by a physician, on a blank to be secured from the College.

Vaccination

Every entering student must as well file a physician's certificate stating that she has been vaccinated against smallpox during the year preceding her registration at college and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination at entrance will be vaccinated by the College Physician, for which a fee of five dollars will be charged. There is no exception to this rule.

* Granted leave of absence for the year 1929-30.

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance, and before the beginning of her junior year. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

*Oculist
Certificate*

Every undergraduate student and hearer is examined each year by the Resident Physician of the College, and twice each year by the Director of Physical Education with reference to physical development, strength of heart and lungs, and general health. The Physician in Chief of the College acts as consultant and is called in all serious cases.

*Physical
Examination*

Any student who, at the time of the examination or at any other time during the year, is not in good health is placed on the health supervision list, is required to follow the special régime prescribed, and her extracurriculum activities may be limited.

*Health
Supervision*

The Director of Physical Education receives the reports of students under medical treatment, keeps records of the health of all students and endeavors, by interviews and advice on personal hygiene, to maintain and improve the health of the students. All students are urged by the Health Department to take some out-of-door exercise in addition to their periods of physical training.

Eminent specialists practising in Philadelphia have consented to serve as consulting physicians of the college. The Associate Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Office hours are:

*Physicians
and
Nursing*

8.30 to 9.30 A. M., daily except Saturday and Sunday.

10.00 – 12.30 A. M., by appointment, for special interviews of an advisory nature.

3.30 to 4.00 P. M., daily, for employees.

4.00 to 5.30 P. M., daily except Saturday and Sunday, for medical dispensary.

9.00 – 10.00 A. M., Saturday.

Sunday, by appointment only.

The infirmary fee of \$20.00 paid by each resident undergraduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share, the expense of a special nurse, the infirmary fees, which are \$6.00 a day, and also hospital or sanitarium charges should she be removed from the college by order of the Physician in Chief.

Infirmary

A special nurse for one student costs approximately \$7.10 per day or \$49.40 per week, which includes nurse's fee, board and laundry. The infirmary fee is \$6.00 per day. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

All communications concerning the health of the students from parents and guardians, outside physicians, and others should be addressed to the Dean of the College, who will excuse students for absence before and after vacations on account of serious illness and from attendance on academic work during the time that they are in the infirmary or seriously ill at home. Any student who becomes ill when away from the college is asked to notify immediately the Dean of the College.

GENERAL INFORMATION

Plans and descriptions of the academic buildings and the undergraduate halls of residence, Merion Hall, Rockefeller Hall, Pembroke Hall East, Pembroke Hall West, and Wyndham, with full information regarding the charges for rooms, are published as Part 4 of the Bryn Mawr College Calendar and may be obtained, by application, from the Secretary and Registrar of the College. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke, which has a common dining-room and kitchen for the two wings and for Wyndham. Students from Wyndham take their meals in Pembroke. Each hall provides a separate room for each of the sixty or seventy students, except Wyndham, which has six double bedrooms and five single rooms, and provides accommodation for seventeen students. All rooms are furnished with a bed, bureau, table desk, straight chair, desk chair, and bookcase, but students are expected to furnish their own rugs, curtains, and towels. All necessary service is supplied by the college. Though there are open fire-places in many studies and single rooms, all rooms are adequately heated by steam heat controlled by a thermostat. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the college.

*Halls of
Residence*

A deposit of fifteen dollars must be made by each resident student to reserve her room for the following academic year. Normally the deposit will be deducted from the rent of the room. It will be refunded only under the following circumstances:

(a) If a student of the college gives formal notice of the withdrawal of her reservation to the Secretary and Registrar before May 1 preceding the academic year for which reservation was made.

(b) If a candidate for admission in October gives formal notice of the withdrawal of her application to the Secretary and Registrar before August 1 preceding the academic year for which the application was made.

(c) If a former student who has applied for re-admission in February gives formal notice of the withdrawal of her application to the Secretary and Registrar before January 1 preceding the semester for which the application was made.

Otherwise the deposit will be forfeited to the college.

Every applicant reserving a room after September 1 or failing to withdraw her application by that date, not occupying the room or vacating it during the year, prevents another student from admission to college as a resident. Therefore, unless formal notice of withdrawal of an application for the approaching year is received by the Secretary and Registrar by September 1, the applicant is held responsible for the rent of the room reserved, or in case no definite assignment has been made, for the minimum of one hundred and seventy-five dollars. Room rent is subject to remission or deduction only if the college is able to re-rent the room. The applicant is not permitted to dispose of such vacant rooms.

Withdrawal

Non-Resident Students

Accommodation is made for students living with their families in Philadelphia and vicinity. There is a club-room for non-resident students in Goodhart Hall, a coat room in Taylor Hall and one in the library, and non-resident students also have the full use of the large Common Room in Goodhart Hall.

Non-resident students are liable in whole or in part for all undergraduate fees except those for residence in the halls and infirmary fees.

Expenses for Undergraduate Students

Fees for Tuition

Though the average cost of teaching each undergraduate student is estimated at about eight hundred and forty dollars, the tuition charge for undergraduate students and for hearers is four hundred dollars a year. The difference between the actual cost and the price of tuition must be met from the small endowment funds of the college and by private gifts. Voluntary contributions from parents able and willing to pay this additional four hundred and forty dollars, in whole or part, will be used for scholarships for students unable to pay the regular tuition fee of four hundred dollars. No reduction of the tuition fee can be made on account of absence, illness, or dismissal during a semester, or for any other reason and no refund will be made in case of advance payment.

Fees for Board and Residence

The charge for board at the college is four hundred dollars a year, payable half-yearly in advance. The total fee for board and residence depends upon the room or rooms occupied by the student. About one-tenth of the rooms in the college rent for seventy-five dollars, making the cost of board, residence, and tuition for undergraduate students eight hundred and seventy-five dollars, but students desiring to apply for rooms at seventy-five dollars must file a statement at the office of the Secretary and Registrar that they are unable to afford rooms at a higher price. The rooms have different rentals depending upon the size and location, varying from seventy-five to five hundred and fifty dollars. Room rent is payable yearly in advance.

Reduction of Fees on Account of Illness

In case of prolonged illness and absence from college extending over six weeks or withdrawal from the college for a period of six weeks or more, there will be a special proportionate reduction in the charge for board, provided that written notice be given to the Dean of the College and to the Comptroller at the time of withdrawal, or, in case the student is ill at home, as soon as possible after her illness is known. Verbal notice to wardens or instructors is not sufficient to secure the above allowance.

Residence in Vacations

Students who wish to remain at the college during the Christmas and Easter vacations should apply to the Warden for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but accommodation may be obtained near the college campus. During the Easter vacation the halls of residence are in general kept open and undergraduates and graduate students may occupy their rooms at a fixed rate.

Students remaining during any part of the Christmas or Easter vacations in Bryn Mawr, or in the immediate neighborhood, not in their own

homes, are required to take advantage of the arrangements made by the college and will be charged according to the length of stay. A student not going to her own home is required to inform the Warden of her hall in advance of her intention to spend the vacation elsewhere and to register her address with her Warden.

For undergraduate students taking one laboratory course of four or more hours a week there is an additional charge of fifteen dollars a semester for materials and apparatus; for students taking two laboratory courses of four or more hours a week a charge of twenty-five dollars a semester; and for students taking three laboratory courses of four or more hours a week a charge of thirty dollars a semester. A charge of seven dollars and fifty cents a semester is made for students taking a laboratory course of less than four hours a week.

In courses in Geology each hour of field work is counted as one hour of laboratory work. Not more than one laboratory course is required of candidates for a degree.

*Laboratory
Fees*

Summary of Expenses for Undergraduate Students

Tuition for the academic year, payable October 1st. . . .	\$400.00
Room-rent for the academic year, payable October 1st or upwards, depending on the room or rooms occupied. . . .	75.00
Infirmary fee for the academic year, payable October 1st. . . .	20.00
Board for the academic year, payable in equal instal- ments, October 1st and February 1st.	400.00
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Total for tuition, residence, and infirmary fee for the academic year with minimum room-rent.	\$895.00
Laboratory fees, for laboratory course of less than four hours a week for the academic year.	15.00
For laboratory course of four or more hours a week for the academic year.	30.00

Summary

In the course in History and Appreciation of Music a charge of one dollar and twenty-five cents a semester is made for the purchase of necessary books and material.

The graduation fee is twenty dollars, payable in the senior year.

Every student who enters the college must register her courses within two weeks after entrance. A charge of one dollar will be made for each change made in the course after it has been definitely registered.

A fee of seven dollars a year is charged to each resident undergraduate, and a fee of three dollars and fifty cents a year to each non-resident undergraduate for the up-keep of the athletic fields.

Every student except a member of the freshman class who moves from one hall to another is charged a fee of ten dollars for moving, and every student except a member of the freshman class who moves from one room to another in the same hall is charged a fee of five dollars. This fee entitles a student to have five pieces moved free of charge.

The fees are due on the first day of each semester and students whose fees are not paid before November first in the first semester or before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

*Incidental
Fees and
Charges*

*College
Regulation
on Fees*

SCHOLARSHIPS

Entrance Scholarships

Each year the College awards four competitive matriculation scholarships of \$100 each. One scholarship is given in each of the following districts: (a) The New England States; (b) New York, New Jersey, and Delaware; (c) Ohio, Illinois, Michigan, Wisconsin, and the states west of the Mississippi River; (d) Pennsylvania and all places not otherwise mentioned. While the candidate's district is determined by the location of the school where she receives her final preparation, or, if preparation has been by private tuition, by her place of residence during the preceding year, candidates may present themselves for examination at any examination center. These scholarships, to be held for one year, are awarded for the highest general average obtained in each district. All regular candidates for matriculation who intend to spend at least one year at Bryn Mawr College, who have not cancelled an examination division, who have not received more than a two point condition, and whose general average is 75 per cent or above, are eligible and are without formal declaration candidates for these scholarships. When two divisions are taken conditions incurred in the first division and removed in the second are not counted.

TABLE OF MATRICULATION SCHOLARSHIPS FROM 1920-1928

(a) *New England States*

<i>Matriculation Scholarships</i>	First Scholarship	Honorable Mention
1920.	Anne McDowell Shiras, The Ethel Walker School, Simsbury, Conn.	Henrietta Eleanor Pavenstedt, The Ethel Walker School, Simsbury, Conn.
1921.	Katherine Stevens Fowler, The Winsor School, Boston, Mass.	Blanche Theodora Hill, The Winsor School, Boston, Mass.
1922.	Elizabeth Howland Nowell, The Ethel Walker School, Simsbury, Conn.	Harriet Virginia Pratt, The Ethel Walker School, Simsbury, Conn.
1923.	Agnes Ellen Newhall, Boston Girls' Latin School, Boston, Mass.	No mention.
1924.	Barbara Channing, The Winsor School, Boston, Mass.	Frances Louise Putnam, The Girls' Latin School, Boston, Mass.
1925.	Grace Isabel DeRoo, Boston Girls' Latin School, Boston, Mass.	Alice Katharine Mercer, Dana Hall, Wellesley, Mass.
1926.	No award.	No mention.
1927.	Lucy Sanborn, Andover Academy, Andover, Mass.	Elisabeth Livermore, Winsor School, Boston, Mass.
1928.	Alice Whitcomb Rider, Girls' Latin School, Boston, Mass.	Agnes Knopf, Rosemary Hall, Greenwich, Conn.

(b) *New York, New Jersey, and Delaware*

	First Scholarship	Honorable Mention
1920.	Mary Minott, The Brearley School, New York City.	Helen Ayer Dillingham, Miss Beard's School, Orange, N. J.
1921.	Helen Anastasia Hough, The Brearley School, New York City.	Jane Abbott, The Brearley School, New York City.
1922.	Delia Nicholas Smith, East Orange High School, East Orange, N. J.	Elizabeth Roylance, Englewood High School, Englewood, N. J.
1923.	Sarah Livingston Jay, The Brearley School, New York City.	Marion Howard Smith, The Brearley School, New York City.
1924.	Josephine Young, The Brearley School, New York City.	Margaret Harper McKee, The Brearley School, New York City.

First Scholarship

1925. Mary Randolph Grace, The Brearley School, New York City.
 1926. Constance Hand, The Brearley School, New York City.
 1927. Rhys Caparn, The Brearley School, New York City.
 1928. Charlotte Beatrice Einsiedler, Kent Place School, Summit, N. J.

Honorable Mention

- Eva Douglas Wise, The Brearley School, New York City.
 Constance Seager Sullivan, The Brearley School, New York City.
 Francis Swift Tatnall, The Misses Hebbs' School, Wilmington, Delaware.
 Yvonne Guyot Cameron, Miss Fine's School, Princeton, N. J.

(c) *Western States*

First Scholarship

1920. No award.
 1921. Clara Louise Gehring, The Laurel School, Cleveland, O.
 1922. No award.
 1923. Margaret Elizabeth Pillsbury, Ann Arbor High School, Ann Arbor, Mich.
 1924. Carolyn Elizabeth Asplund, Monticello Seminary, Godfrey, Ill.
 1925. Elizabeth Cope, High School, Redlands, Calif.
 1926. Lois Mather Thurston, Katherine Branson School, Ross, Calif.
 1927. Helen Curdy, French Institute of Notre Dame de Sion, Kansas City, Mo.
 1928. Patricia Hill Stewart, Columbus School for Girls, Columbus, Ohio.

Honorable Mention

- No mention.
 Adele Amelia Pantzer, Tudor Hall, Indianapolis, Ind.
 No mention.
 Virginia Capron, Northrop Collegiate School, Minneapolis, Minn.
 Helen Montgomery Hook, Chicago Latin School, Chicago, Ill.
 No mention.
 Martha Ellis Gellhorn, The John Burroughs School, St. Louis, Mo.
 Helen Graham Bell, North Shore Country Day School, Winnetka, Ill.
 Mollie Brooke Clyde, Santa Barbara School for Girls, Santa Barbara, Calif.

(d) *Pennsylvania, and All Places not Included in (a), (b), and (c)*

First Scholarship

1920. Katharine Van Bibber, The Bryn Mawr School, Baltimore, Md.
 1921. Janet Preston, St. Timothy's School, Catonsville, Md.
 1922. Laura Valinda Hill, The Shipley School, Bryn Mawr, Penna.
 1923. Frederica de Laguna, Phebe Anna Thorne Model School, Bryn Mawr, Penna.
 1924. Alice Josephine Bonnewitz, Miss Madeira's School, Washington, D. C.
 1925. Frances Elizabeth Fry, The Agnes Irwin School, Philadelphia.
 1926. Helen Louise Taylor, The Shipley School, Bryn Mawr, Penna.
 1927. Elizabeth Lawson Cook, Roland Park Country Day School, Baltimore, Md.
 1928. Monica Brice, The Ogontz School, Ogontz, Pa.

Honorable Mention

- Mary Katharine Woodworth, Girls' High School, Philadelphia.
 Kathleen Slingluff, The Bryn Mawr School, Baltimore, Md.
 Millicent Pierce, The Shipley School, Bryn Mawr, Penna.
 Virginia Newbold, The Agnes Irwin School, Philadelphia.
 Georgia Wilson, St. Catherine's School, Westhampton, Richmond, Va.
 Sarah Stanley Gordon, The Shipley School, Bryn Mawr, Penna.
 Ellen Hewson Douglas, The Shipley School, Bryn Mawr, Penna.
 Helen Maxwell Stevenson, The Agnes Irwin School, Philadelphia.
 Rebecca Hemphill Davis, The Bryn Mawr School, Baltimore, Md.

Scholarships of \$500 each were founded in 1885 by the Board of Managers of the Bryn Mawr School, of Baltimore, Maryland. One of these scholarships is open annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction.

*Bryn Mawr
School
Scholarship*

Undergraduate Scholarships and Prizes Awarded for Distinction in Academic Work

*Maria L.
Eastman
Brooke Hall
Memorial
Scholarship*

The Maria L. Eastman Brooke Hall Memorial Scholarship of the value of \$150 was founded in 1901, in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pa., by the Alumnae and former pupils of the school. It is awarded each year on the ground of scholarship, irrespective of the need of financial aid, to the member of the junior class with the highest record, to be held during the senior year. No application for the scholarship is necessary.

*Elizabeth
Duane
Gillespie
Scholarship*

The Elizabeth Duane Gillespie Scholarship in American History of the value of \$60 was founded in 1903 by the Pennsylvania Society of Colonial Dames of America, in memory of Elizabeth Duane Gillespie. It is awarded annually to a member of the sophomore or junior class, on condition that the holder of the scholarship devote to the study of American history at least four hours a week for one year during the last two years of her college course. The candidate is to be selected by the Faculty of Bryn Mawr College on the ground of excellence in scholarship.

*Charles S.
Hinchman
Memorial
Scholarship*

The Charles S. Hinchman Memorial Scholarship of the value of \$500 was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. The holder will be nominated to the Faculty by the Undergraduate Scholarships Committee of the Faculty guided in its selection by (1) the student's record in her group subjects, (2) written recommendations from the instructors in these subjects, (3) evidence of the student's ability as shown by written work in her major subject together with a written estimate of the same by the instructor most directly concerned, such work to be submitted not later than March 15th of the year preceding the one in which the scholarship is to be awarded.

*George
Bates
Hopkins
Memorial
Scholarship*

The George Bates Hopkins Memorial Scholarship, consisting of the income of a gift of \$10,000 from Mrs. Elizabeth Hopkins Johnson, in memory of her father, is to be awarded each year at the discretion of the President and Faculty of the College to the student in the Department of Music who in their estimation most needs it and is most deserving of it.

*Elizabeth S.
Shippen
Scholarship*

The Elizabeth S. Shippen Scholarships were founded in 1917 by the bequest of the late Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded each year, one to the member of the senior class who receives the Bryn Mawr European Fellowship and two to members of the junior class, as follows:

The Shippen Scholarship in Science of the value of \$100 is awarded to a member of the junior class, one or both of whose major subjects lie in the Scientific Departments, viz., Physics, Chemistry, Geology, Biology, for excellence of work in one of these departments.

The Shippen Scholarship in Foreign Languages of the value of \$100 is awarded annually to a member of the junior class, one or both of whose major subjects lie in the Departments of Foreign Languages, viz., Greek,

Latin, German, French, Italian, Spanish, for excellence of work in one of these departments. Work in elementary language courses is not counted.

No student shall be considered eligible for the Science or Foreign Language Scholarship who has not completed at least fifteen hours of work in the subject on which the computation is based. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for the Shippen Scholarship in Science or in Foreign Languages.

The Sheelah Kilroy Memorial Scholarships in English of the value of \$125 each were founded in 1919 by Dr. and Mrs. Philip Kilroy in memory of their daughter Sheelah. These scholarships are awarded annually on the recommendation of the Department of English, one to the student who does the best work in the required English courses, and one to the student who does the best work in the advanced English courses. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for these scholarships.

*Sheelah
Kilroy
Memorial
Scholarships*

The Horace White Prize in Greek Literature, a prize of \$50 founded by Miss Amelia Elizabeth White in 1919, is awarded to the best student in the second year class in Greek Literature, the nomination to be made by the Professor conducting the class. In 1924 Miss White gave a second prize for the best graduate student in the class in Greek Literature.

*Horace
White Prize*

The President M. Carey Thomas Essay Prize of \$100 is awarded to the student whose writing in the opinion of the English Department is the best in the Senior Class.

Essay Prize

SCHOLARSHIPS AWARDED AT ENTRANCE AND TENABLE FOR FOUR YEARS

Regional Scholarships of \$300 to \$500 each, administered by local alumnae committees, are awarded at regular intervals in each district of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who are unable to meet the fees of the college in full. The conditions are:

*Regional
Scholarships*

1. Application on blanks obtainable from the Alumnae Scholarships and Loan Fund Committee, Taylor Hall, Bryn Mawr, Pa., should be made before April 1 of the academic year for which the scholarship is desired.

2. Awards of the scholarships are made as soon as possible after the returns of the College Entrance Board Examinations to candidates who have been admitted to Bryn Mawr College who are judged to be of the highest promise by Local Committees in consultation with the Faculty Committee on Entrance Examinations.

3. Candidates awarded Regional Scholarships and maintaining a high standard of conduct and scholarship may be assured of further scholarships from local Alumnae committees or direct from the college. Further information may be obtained from the chairman of the Alumnae Scholarships and Loan Fund, Taylor Hall, Bryn Mawr, Pa.

*Trustees
Scholarships*

Eight free tuition scholarships, two awarded each year and tenable for four consecutive years, were founded for students prepared in Philadelphia High Schools by the Trustees of Bryn Mawr College on the following terms:

The candidate shall have matriculated for Bryn Mawr College, having received all her preparation for entrance examination at a Philadelphia High School; she shall have been recommended by the Board of Education of Philadelphia subject to the approval of the Directors of Bryn Mawr College. Provided that the conduct and academic standing of the student shall be satisfactory to the college authorities, the scholarship shall be renewed annually for three years by the Directors of the College.

*City
Scholarships*

Eight scholarships of the value of \$175 similar to the trustees' scholarships are awarded to graduates of a Philadelphia High School by the Board of Public Education of Philadelphia.

*Lower
Merion
Township
Scholarship*

In 1895 one scholarship providing one year's free tuition for a graduate of the Lower Merion High School was founded by the College and presented to the School Board of Education of Lower Merion Township, Montgomery County, Pa. In 1926 the Board of Directors of the College added three more similar scholarships, one to be awarded each year to a non-resident student and tenable for four consecutive years. The conditions of award are that the candidate having received all of her preparation for examination at the Lower Merion High School shall have matriculated for Bryn Mawr College and shall be recommended by the School Board of Education of Lower Merion Township subject to the approval of the Directors of Bryn Mawr College.

*Norristown
Scholarship*

In 1909 one scholarship providing one year's free tuition to a graduate of Norristown High School was presented to the School Board of Education of Norristown, Pa., on the following terms: The candidate having received all of her preparation at the Norristown High School shall have matriculated for Bryn Mawr College not later than the June preceding her entrance to the college, and shall be nominated by the Superintendent of Schools or the Board of Education subject to the approval of the Board of Directors of the College; and that the award shall not be made twice to the same person unless the Superintendent of Schools shall file a statement with the President of the college that no other member of the graduating class is eligible for the scholarship.

*Foundation
Scholarship*

One competitive entrance scholarship of free tuition tenable for four years, is open annually to members of the Society of Friends who are unable to pay the full charge for tuition and residence. The scholarship is awarded, as far as possible, under the same rules as those governing the competitive entrance scholarships of Bryn Mawr College.

*L. C. B. Saul
Scholarship*

In 1893 the Alumnae Association of the Girls' High and Normal School of Philadelphia founded at Bryn Mawr a scholarship, tenable for four years, of the value of \$100, increased in 1924 to \$150. This scholarship

is awarded every four years to the graduate of the Girls' High School who matriculates for Bryn Mawr College with the highest grade of that year.

Four Frances Marion Simpson Scholarships,* entitling the holder to free tuition, were founded in 1912 by Justice Alexander Simpson, Jr., in memory of Frances Simpson Pfahler, of the class of 1906, one scholarship to be awarded in each October, to a candidate who receives her certificate of examination in the preceding spring matriculation examination period. Competition for these scholarships is open in the first place to residents of Philadelphia and Montgomery counties who have been prepared for Bryn Mawr College in the public schools of the said counties, or at home by their parents and guardians, or in the Phebe Anna Thorne School of the Department of Education of Bryn Mawr College, or in Miss S. Janet Sayward's School at Overbrook, Pennsylvania, so long as she shall be conducting the same; or in default thereof to residents of other counties in Pennsylvania. Only those students who are unable to pay the fees for tuition, or if living at a distance, the fees for tuition and board, in Bryn Mawr College are entitled to compete. In special cases the scholarship may be awarded to a candidate from some other locality, in which case the restriction to preparation in public schools may also be relaxed, or it may be awarded to some one who can pay the charge for her tuition, or for her tuition and board in part.

*Frances
Marion
Simpson
Scholarship*

The scholarships are tenable for four successive years, and are meant exclusively for those students who take the full college course. Students holding the scholarships who become able to pay the tuition fees of Bryn Mawr College in whole or in part are required to do so, and all holders of the scholarships are required to promise to repay for the benefit of other students in need of the scholarship, the advances made to them, when they can conveniently do so.

The Charles E. Ellis Scholarships of \$400 each, tenable for four years were founded in 1919 by bequest of the late Charles E. Ellis and are awarded on the recommendation of the Superintendent of Public Schools of the City of Philadelphia, subject to the approval of the Board of Directors and Trustees of Bryn Mawr College, to students educated in the Philadelphia public schools who have matriculated for Bryn Mawr College.

*Charles E.
Ellis
Scholarships*

The Minnie Murdoch Kendrick Memorial Scholarship providing a year's free tuition and tenable for four successive years was founded in 1916 by the bequest of the late George W. Kendrick, Jr. This scholarship is awarded by the Board of Directors of Bryn Mawr College to a candidate who has fulfilled the requirements for admission to Bryn Mawr College upon nomination by the executors of George W. Kendrick, Jr., or at their death or at the death of their survivors, by the Board of Public Education of Philadelphia.

*Minnie
Murdoch
Kendrick
Memorial
Scholarship*

* Application for these scholarships should be made on a form obtainable at the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Scholarships to be Used in the Sophomore Year

*James E.
Rhoads
Memorial
Sophomore
Scholarship*

The James E. Rhoads Memorial Sophomore Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first President of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have completed college work amounting to not less than twenty and not more than forty-five hours (three semesters' work) and attended lectures at Bryn Mawr College not less than one semester. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College, and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee consists of the Faculty Committee on Undergraduate Scholarships and the members of the Scholarships and Loan Fund Committee of the Alumnae Association.

*Maria
Hopper
Scholarships*

Two Maria Hopper Scholarships* of \$200 each to be held in the sophomore year were founded in 1901 by the bequest of the late Maria Hopper of Philadelphia. They are awarded on the ground of excellence in scholarship to two members of the freshman class who need financial assistance.

Scholarships to be Used in the Junior Year

*James E.
Rhoads
Memorial
Junior
Scholarship*

The James E. Rhoads Memorial Junior Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first president of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have completed college work amounting to not less than forty and not more than seventy-five hours (five semesters' work) and have attended lectures at Bryn Mawr College not less than three semesters. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College, and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee is the same as for the James E. Rhoads Memorial Sophomore Scholarship.

*Mary E.
Stevens
Scholarship*

The Mary E. Stevens Scholarship* of the value of \$160 to be held in the junior year, founded in 1896 by former pupils of Miss Mary E. Stevens's School, is awarded on the nomination of the President of the College to a member of the sophomore class who needs financial assistance.

*Anna
Hallowell
Memorial
Scholarship*

The Anna Hallowell Memorial Scholarship* of \$100 was founded in 1912 by the family of the late Anna Hallowell. It is awarded to a member of the sophomore class in need of financial assistance to enable her to continue her studies during her junior year, and is to be awarded by the

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Faculty to the student satisfying the above requirement who has the highest academic record, provided that this student does not hold any other scholarship. This provision may, however, be disregarded in case of great financial need.

Scholarships to be Used in the Senior Year

The Anna M. Powers Memorial Scholarship* of \$200 to be held in the senior year was founded in 1902 by the late Mrs. J. Campbell Harris in memory of her mother, Anna M. Powers. The scholarship is open to members of the junior class who need financial aid in order to complete the work for the degree.

*Anna M.
Powers
Memorial
Scholarship*

The Thomas H. Powers Memorial Scholarship* of \$200 was founded in 1910 by the late Mrs. J. Campbell Harris in memory of her father, Thomas H. Powers. This scholarship is open to members of the junior class who need financial aid in order to complete their senior year.

*Thomas H.
Powers
Memorial
Scholarship*

Scholarships to be Used in Any Year

The Mary Anna Longstreth Memorial Scholarship* providing free tuition was founded in 1913 by the Alumnae of the Mary Anna Longstreth School, the children of Alumnae, and a few of her friends in grateful memory of Mary Anna Longstreth. The scholarship is to be awarded each year to a student who needs financial aid to begin or continue her college course.

*Mary Anna
Longstreth
Memorial
Scholarship*

The Anna Powers Memorial Scholarship* consisting of the income of a gift of \$2000 was founded in 1919 by Mrs. Charles Merrill Hough in memory of her sister Anna Powers, of the Class of 1890. The award of the scholarship is to be made by the Faculty of Bryn Mawr College to a student of good scholarship in need of financial aid.

*Anna Powers
Memorial
Scholarship*

The Constance Lewis Memorial Scholarship,* of \$100 annually, was founded in 1919 by the Class of 1904 in memory of their classmate Constance Lewis. The award of the scholarship is to be made by the Faculty of Bryn Mawr College.

*Constance
Lewis
Memorial
Scholarship*

The Amelia Richards Scholarship* was founded in 1921 by the bequest of the late Mrs. Frank P. Wilson in memory of her daughter, Amelia Richards, deceased, of the class of 1918. The scholarship consists of the income of \$10,000 and is awarded annually by the Trustees on the nomination of the President of the College.

*Amelia
Richards
Scholarship*

The Elizabeth Wilson White Memorial Scholarship,* consisting of the income of a gift of \$7500, was founded in 1923 by Mr. Thomas Raeburn White in memory of his wife. The scholarship is awarded annually by the President of the College to a student who is in need of assistance to enter upon or continue her work at Bryn Mawr College.

*Elizabeth
Wilson
White
Memorial
Scholarship*

The Alice Ferree Hayt Memorial award of \$50, founded in 1922, is awarded each year by Mrs. E. Todd Hayt to a student in need of financial assistance.

*Alice Ferree
Hayt
Memorial
Award*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

*Abby Slade
Brayton
Durfee
Scholarship*

The Abby Slade Brayton Durfee Scholarship,* consisting of the income of a fund of \$2,000 was established in 1924 under the will of the late Randall Nelson Durfee in honour of his wife. In awarding the scholarship preference will be given to candidates of American or English descent and to descendants of the class of 1894 of Bryn Mawr College.

*Bookshop
Scholarships*

Several Book Shop Scholarships are contributed yearly from the profits of the Bryn Mawr Cooperative Society, to be awarded to students in need of financial assistance.

Scholarship at the Woman's Medical College of Pennsylvania

The Woman's Medical College of Pennsylvania presented to Bryn Mawr College in 1910 the scholarship to be awarded to a graduate of the college recommended by the President and Faculty as in their opinion qualified to take up the study of medicine. The holder is given free tuition for one year at the Woman's Medical College of Pennsylvania and the scholarship will be renewed for the three remaining years of the medical course if the holder's record prove satisfactory.

Students' Loan Fund*Students'
Loan Fund*

The Students' Loan Fund was founded by the Class of 1890 to assist students, whether or not they hold scholarships, who need to borrow money during their college course; and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

The Committee in administering this money follow a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, who strongly recommend the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee, exceptions are made in special cases, for example that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pa. Application blanks may be obtained from the Alumnae Office on the third

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

floor of Taylor Hall by students who wish to borrow from the Loan Fund. Except in the case of special emergencies, applications for any given year should be made before May first of the preceding academic year.

Parents' Fund

The Parents' Fund was founded and is supported by the contributions of parents and students who are able and willing to pay the full cost of tuition (approximately \$840). It is used in making grants to supplement the scholarship awards and to assist other students in need of financial aid.

*Parents'
Fund*

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance to the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$9,000 yields sufficient income to provide the present tuition for one student at Bryn Mawr College.

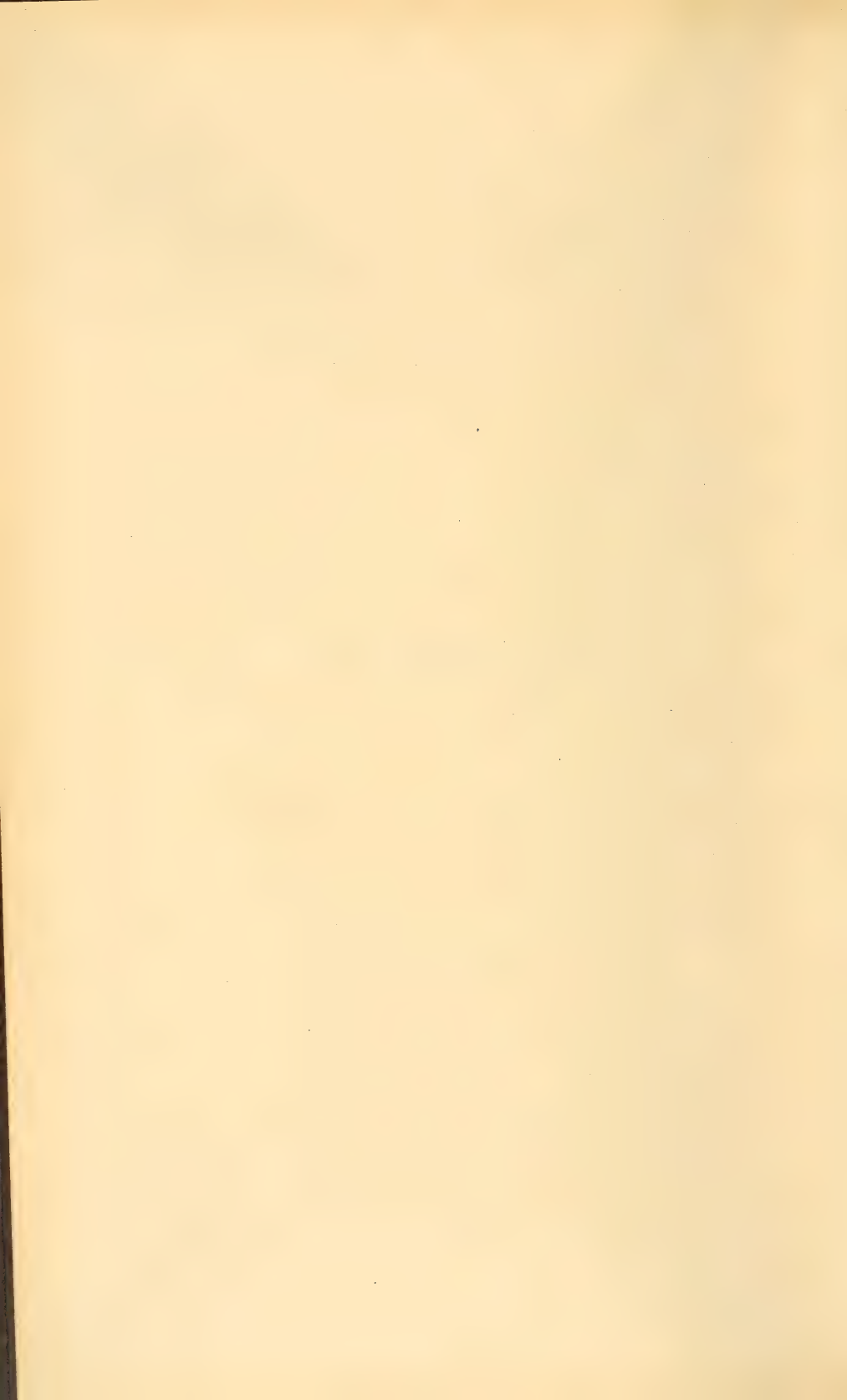
Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
.....to be invested and preserved inviolably for the endowment
of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....



THE LIBRARY



LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 122,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 2 P. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over twelve thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments, and, in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library*, and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M., and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents, and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes, and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college, and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German, and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

Abhandlungen der Königlichen Bayerischen Akademie der Wissenschaften zu München.	Living Age.
American Mercury.	London Mercury.
*Amherst Graduates' Quarterly.	Mercure de France.
Asia.	Mind and Body.
Atlantic Monthly.	Minerva-zeitschrift.
Bookman.	*Monthly Bulletin of the Carnegie Library of Pittsburgh.
Bookman (English).	Musical Quarterly.
Bookseller.	Nachrichten von der Königlichen Gesellschaft der Wissenschaften Göttingen.
*Bryn Mawr Alumnae Bulletin.	Nation, N. Y.
Bulletin of Bibliography.	Nation and Athenaeum.
*Bulletin of the New York Public Library.	Neue Rundschau.
Century.	New Republic.
China Weekly Review.	New Statesman.
Congressional Digest.	New York Times Index.
Contemporary Review.	Nineteenth Century.
Cumulative Book Index.	North American Review.
Deutsche Rundschau.	Nouvelle Revue Française.
Dial.	Nuova Antologia.
Drama.	Outlook.
Edinburgh Review.	Philadelphia Symphony Orchestra Program.
English Review.	Preussische Jahrbücher.
La Esfera.	Public Affairs Information Service Bulletin.
Foreign Affairs.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum.	Quarterly Review.
Göttingische Gelehrte Anzeigen.	Reader's Guide to Periodical Literature.
Harper's Monthly Magazine.	Review of Reviews.
L'Illustration.	Revista de Occidente.
International Index to Periodicals.	Revue Critique d'Histoire et de Littérature.
Irish Statesman.	Revue de Paris.
Jahresverzeichnis der an den deutschen Universitäten und Technischen Hochschulen erschienenen Schriften.	Revue des Deux Mondes.
*Japan Society Bulletin.	Revue Politique et Littéraire; Revue Bleue.
*Johns Hopkins University, Circulars.	
Library Journal.	
Literary Digest.	

* Presented by the Publishers.

Saturday Review.
Scientia.
Scribners Magazine.
Sewanee Review.
Sitzungsberichte der Königlichen Bayerischen Akademie der Wissenschaften.
Sitzungsberichte der Königlichen Preussischen Akademie der Wissenschaften zu Berlin.
*Southern Workman.
Spectator.

Theater Arts Monthly.
(Der) Türmer.
*University of California, Publications.
*University of Missouri, Studies.
*University of Nebraska, Studies.
*University of Texas, Studies.
*University of Washington, Studies.
Westermann's Monatshefte.
World's Work.
Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr.
El Sol.
*Home News, Bryn Mawr.
London Times.

New York Times.
Philadelphia Public Ledger.
United States Daily.

Art and Archæology

American Journal of Archæology.
Die Antike.
Archæologische Ephemeris.
Archiv für Papyrusforschung.
Archivo espanol de Arte y Arqueologia.
Art and Archæology.
Art in America.
L'Arte.
Berliner Museen.
Boletin de la Sociedad Española a Excursiones.
British School at Athens, Annual.
*Bulletin of the Cleveland Museum of Art.
Bulletin of the Metropolitan Museum of Art, New York.
Bulletino della Commissione archæologica comunale de Roma.
*Bulletin of the Rhode Island School of Design.
Burlington Magazine.
Dedalo.
Emporium.
Gazette des Beaux Arts.
International Studio.
Jahrbuch der königlich preussischen kunstsammlungen.
Jahrbuch des Archæologischen Instituts.

Jahreshefte des Österreichischen Archæologischen Instituts in Wien.
Journal of Egyptian Archæology.
Journal of Hellenic Studies.
Journal international d'archéologie numismatique.
Mittheilungen und Nachrichten des Deutschen Palästina Vereins.
Mittheilungen des Deutschen Archæologischen Instituts, Athenische Abteilung.
Mittheilungen des Deutschen Archæologischen Instituts, Römische Abteilung.
Monumenti Antichi.
Museum Journal.
*Museum of Fine Arts Bulletin, Boston.
Notizie degli Scavi di Antichità.
Parnassus.
Rassegna d'arte.
Rassegna d'arte Senese.
Revue archéologique.
Revue de l'art.
Rivista d'arte.
Syria.
Zeitschrift des Deutschen Palästina Vereins.
Zeitschrift für bildende kunst.

Economics and Politics

- *Advocate of Peace.
- All Opinions of the U. S. Supreme Court.
- *American Association for International Conciliation, Publications.
- American City.
- American Economic Review.
- American Federationist.
- American Journal of International Law.
- American Municipalities.
- American Political Science Review.
- Annalist.
- Annals of the American Academy of Political and Social Science.
- Columbia Law Review.
- Columbia Studies in History, Economics, and Public Law.
- Commerce Monthly.
- *Congressional Record.
- Economic Journal.
- Good Government.
- Great Britain, Consolidated List of Parliamentary Publications.
- Harvard Business Review.
- Harvard Law Review.
- Jahrbücher für Nationalökonomie und Statistik.
- Johns Hopkins University Studies in Historical and Political Science.
- *Journal du Droit international.
- Journal of Comparative Legislation.
- Journal of Criminal Law.
- Journal of Political Economy.
- Journal of the Royal Statistical Society.
- League of Nations Official Journal.
- League of Nations Treaty Series.
- Local Government Abroad.
- Municipal Journal, London.
- National Municipal Review.
- National Tax Association Bulletin.
- Paix par le Droit.
- Political Science Quarterly.
- Polybiblion; Revue Bibliographique.
- Proceedings of the Academy of Political Science.
- Public Administration.
- Public Management.
- Publications of the American Economic Association.
- Quarterly Journal of Economics.
- *Revue de Droit international.
- Revue Municipale.
- Short Ballot Bulletin.
- *U. S. Weekly Commerce Reports.
- Yale Review.
- Zeitschrift für Kommunal Wirtschaft.
- Zeitschrift für Volkswirtschaft, Sozialpolitik u. Verwaltung.

Social Economy and Social Research

- *Advance.
- American Child.
- American Child Health Association, Transactions.
- *American Flint.
- American Journal of Public Health.
- American Journal of Sociology.
- American Labor Legislation Review.
- *American Pressman.
- *Bakers' Journal.
- Better Times.
- Bibliographie der Socialwissenschaften.
- *Bridgeman's Magazine.
- *Broom-makers' Journal.
- *Bulletin of the New York State Department of Labor.
- Bulletin of the Taylor Society.
- *Carpenter.
- *Chase Economic Bulletin.
- Child Health Bulletin.
- *Cigar Makers' Journal.
- *Commercial Telegraphers' Journal.
- Economic World.
- *Electrical Workers' Journal.
- *Elevator Constructor.
- Eugenics Review.
- Factory.
- Family.
- *Garment Worker.
- *Granite Cutters' Journal.
- Housing Betterment.
- Industrial Arts Index.
- Industrial Bulletin.
- Industrial Information Service.
- *Institution Quarterly.
- *International Bookbinder.
- *International Engineer.
- International Labour Office Publications.
- International Labour Review.
- *International Musician.
- *International Woodcarver.
- Journal of American Statistical Association.
- Journal of Delinquency.

- Journal of Heredity.
 Journal of Industrial Hygiene.
 Journal of Personnel Research.
 Journal of Social Hygiene.
 *Journeyman Barber.
 *Justice.
 *Labor Bulletin of the Massachusetts
 Bureau of Statistics.
 Labour Magazine.
 Labour Monthly.
 *Law and Labor.
 *Leatherworkers' Journal.
 L'Emancipation.
 Life and Labor Bulletin.
 Locomotive Engineer's Journal.
 *Machinists' Monthly Journal.
 Mental Hygiene.
 *Metal Polishers' Journal.
 Metron.
 Ministry of Labour Gazette.
 *Mixer and Server.
 Monthly Labor Review.
 National Consumers' League.
 National Conference of Social Work,
 Bulletin and Proceedings.
 *Ohio State Institute Journal.
 *Painter and Decorator.
 *Papermakers' Journal.
 *Patternmakers' Journal.
 *Paving Cutters' Journal.
 *Plasterer.
 Playground.
 *Plumbers, Gas and Steam Fitters Journal.
 *Public Health, Michigan.
 *Quarry Workers' Journal.
 *Railroad Telegrapher.
 *Railway Carmen's Journal.
- *Railway Maintenance of Way Employee's
 Journal.
 *Retail Clerks' International Advocate.
 Revue des Etudes Co-operative.
 Revue Internationale de Sociologie.
 *Shoeworkers' Journal.
 *Shop Review.
 Social Forces.
 Social Science Abstracts.
 Social Service Review.
 Sociological Review.
 Sociology and Social Research.
 *Stereotypers' and Electrotypers' Journal.
 Survey.
 System.
 *Tailor.
 *Teamsters', Chauffeurs', Stablemen and
 Helpers' Magazine.
 *Textile Worker.
 *Tobacco Workers' Journal.
 *Trade Union News.
 *Typographical Journal.
 Union Labor Record.
 *U. S. Bureau of Immigration, Publications.
 *U. S. Bureau of Labor Statistics, Bulletin.
 *U. S. Bureau of the Census, Publications.
 *U. S. Children's Bureau, Publications.
 *U. S. Department of Health, Bulletin.
 *University of Illinois, Studies in Social
 Sciences.
 *University of Minnesota, Studies in Social
 Sciences.
 *Welfare Magazine.
 Werdende Zeitalter.
 World Association for Adult Education
 Bulletin.
 *Woodcarver.

Education

- Child Development Abstracts.
 Childhood Education.
 Education.
 Educational Administration.
 Educational Record.
 Elementary School Journal.
 Forum of Education.
 Harvard Monographs in Education.
 Industrial Education Magazine.
 Journal of Educational Psychology
 Journal of Educational Research.
 *Journal of the American Association of
 University Women.
 Lehrproben und Lehrgänge.
 National Education Association, Publica-
 tions.
 National Society for the Study of Educa-
 tion Yearbook.
- Pedagogical Seminary.
 Progressive Education.
 Revue International de l'Enseignement
 Supérieur.
 Revue Universitaire.
 School and Society.
 School Parent.
 School Review.
 School Science and Mathematics
 Supplementary Education Monographs.
 Teachers' College Contributions to Educa-
 tion.
 Teachers' College Record.
 Teacher's Journal and Abstract.
 *U. S. Bureau of Education, Bulletin.
 *University of California Publications,
 Education.
 Zeitschrift für pädagogische Psychologie.

History

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| <p>American Historical Association, Reports.
 American Historical Review.
 Camden Society, Publications.
 Current History.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift
 Historische Zeitschrift.
 History.
 *Illinois State Historical Society Journal.</p> | <p>Jahresberichte der Geschichtswissenschaft.
 Journal of Economic and Business History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Napoleon, revue.
 Pipe Roll Society, Publications.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.</p> |
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Philology and Literature, Classical

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| <p>Ægyptus.
 Bulletin bibliographique et pédagogique du Musée Belge.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Commentationes philologae jenenses.
 Dissertationes philologicae halenses.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.
 Klio.</p> | <p>Le Musée Belge, Revue de Philologie classique.
 Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Untersuchungen.
 Philologus.
 Quellen und Forschungen zur lateinischen Philologie.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.</p> |
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Philology and Literature, General and Comparative

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| <p>Acta Philologica Scandinavica.
 American Journal of Philology.
 Eranos.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica.
 Philological Quarterly.</p> | <p>Philological Society, London, Publications.
 Philologische Wochenschrift.
 Speculum.
 Transactions of the American Philological Association.
 Zeitschrift für die österreichischen Gymnasien.
 Zeitschrift für vergleichende Sprachforschung.</p> |
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Philology and Literature, Modern

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| <p>Anglia.
 Anglistische Forschungen.</p> | <p>Archiv für das Studium der neueren Sprachen.</p> |
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- Archivum Romanicum.
 Arkiv for Nordisk Filologi.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletino della Societa Dantesca Italiana.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Chronique des lettres francaies.
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Dialect Notes.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Études italiennes.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Kieler Studien zur englischen Philologie.
 Korrespondenzblatt des Vereins für niederdeutsche Sprachforschung.
 Kritischer Jahresbericht über die Fortschritte der romanischen Philologie.
 Language, journal.
 (Les) Lettres.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
- Litteris.
 Malone Society, Publications.
 Marzocco.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Münchener Beiträge zur romanischen und englischen Philologie.
 Muttersprache.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revista de Occidente.
 Revista de Estudios Hispánicos.
 Revue Celtique.
 Revue des Langues Romanes.
 Revue de Litterature Comparée.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Français, Publications.
 Société des Textes Français Modernes, Publications.
 Studien zur englischen Philologie.
 Studies in Philology.
 Wiener Beiträge zur englischen Philologie.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und deutsche Litteratur.
 Zeitschrift für französische Sprache und Litteratur.
 Zeitschrift für romanische Philologie.

Philology and Literature, Semitic

American Journal of Semitic Languages
and Literatures.
Jewish Quarterly Review.
Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
Zeitschrift für ägyptische Sprache und
Altertumskunde.
Zeitschrift für Assyriologie.

Philosophy and Psychology

American Journal of Ophthalmology.
American Journal of Physiological Optics.
American Journal of Psychology.
Annalen der Philosophie.
Année psychologique.
Archives de Psychologie.
Archives of Psychology.
Archiv für die gesammte Psychologie.
Archiv für Geschichte der Philosophie.
Archiv für systematische Philosophie.
British Journal of Medical Psychology.
British Journal of Psychology.
Bulletin de l'Institut Psychologique.
Comparative Psychology Monographs.
Genetic Psychology Monographs.
Hibbert Journal.
International Journal of Ethics.
Journal de Psychologie.
Journal für Psychologie und Neurologie.
Journal of Abnormal and Social Psychology.
Journal of Applied Psychology.
Journal of Comparative Psychology.
Journal of Experimental Psychology.
Journal of Philosophical Studies.
Journal of Philosophy.

Mind.
Monist.
Philosophical Review.
Proceedings of the Aristotelian Society.
Proceedings of the Society for Psychical
Research.
Psychological Abstracts.
Psychological Bulletin.
Psychological Clinic.
Psychological Review.
Psychological Review; Monograph Sup-
plements.
Psychological Review: Psychological In-
dex.
Psychologische Arbeiten.
Psychologische Forschung.
Revue de Métaphysique.
Revue philosophique.
Training School Bulletin, Vineland.
*University of Toronto Studies, Psychology
Series.
Zeitschrift für angewandte Psychologie.
Zeitschrift für Psychologie und Physio-
logie der Sinnesorgane: 1. Abt., Zeit-
schrift für Psychologie. 2. Abt., Zeit-
schrift für Sinnesphysiologie.

Religion

American Friend.
Anglican Theological Review.
*Christian Register.
Expository Times.
Harvard Theological Review.
Journal of Biblical Literature.
Journal of Religion.
Journal of Theological Studies.
*Publications of the American Jewish His-
torical Society.

Religious Education.
Revue biblique.
Revue de l'histoire de Religions.
*Spirit of Missions.
*Woman's Missionary Friend.
Zeitschrift für die Alttestamentliche Wes-
senschaft.
Zeitschrift für die Neutestamentliche Wes-
senschaft.

Science, General.

American Journal of Science.
Atti della Reale Accademia delle Scienze
di Torino.
British Association for the Advancement
of Science, Reports.

*Bulletin of the University of Wisconsin,
Science Series.
Comptes Rendus des Séances de l'Aca-
démie des Sciences.
Journal of Scientific Instruments.

*Kansas University, Science Bulletin.
Nature.
*New York State Museum Bulletin.
Philosophical Magazine.
Philosophical Transactions of the Royal
Society of London.
Proceedings of the American Philosophical
Society.
Proceedings of the National Academy of
Sciences.

Royal Society of London Proceedings,
series A and B.
Science.
Scientific American.
Scientific Monthly.
*U. S. National Museum, Publications.
*University of Missouri Studies, Science
Series.

Science, Biology

American Anthropologist.
American Journal of Anatomy.
American Journal of Physiology.
American Naturalist.
Anatomischer Anzeiger.
Archiv für die gesammte Physiologie.
Archiv für Entwicklungsmechanik.
Archiv für Protistenkunde.
Biochemical Journal.
Biochemische Zeitschrift.
Biologisches Centralblatt.
Botanisches Centralblatt.
Genetics.
*Illinois Biological Monographs.
Jahrbücher für wissenschaftliche Botanik.
Journal de Physiologie.
Journal of Biological Chemistry.
Journal of Experimental Medicine.
Journal of Experimental Zoology.
Journal of General Physiology.
Journal of Genetics.
Journal of Morphology.
Journal of Physiology.

Journal of the Royal Microscopical
Society.
*Midland Naturalist.
Physiological Abstracts.
Physiological Reviews.
Quarterly Journal of Microscopical
Science.
*U. S. Public Health Service, Publications.
*University of California Publications,
Physiology.
*University of California Publications,
Zoology.
*University of Pennsylvania, Contribu-
tions from the Zoological Laboratories.
*University of Toronto Studies, Biological
Series.
*University of Toronto Studies, Physio-
logical Series.
*Wilson Bulletin.
Zeitschrift für Physiologische Chemie
Zeitschrift für wissenschaftliche Zoologie.
Zeitschrift für Zellforschung und mikro-
skopische Anatomie.
Zoologischer Anzeiger.

Science, Geology and Geography

American Association of Petroleum
Geologists. Bulletin.
Association of American Geographers,
Annals.
Bulletin of the Geographical Survey of
Philadelphia.
Centralblatt für Mineralogie.
Economic Geography.
Economic Geology.
Geographical Journal.
Geological Magazine.
Geologisches Centralblatt.
*Illinois Geological Survey Bulletin
Internationale Bergwirtschaft.

Journal of Geography.
Journal of Geology.
Meteorologische Zeitschrift.
Mineralogical Magazine.
National Geographic Magazine
Neues Jahrbuch für Mineralogie, Geologie
und Paläontologie.
Pan-American Geologist.
Quarterly Journal of the Geological
Society.
Revue de Geologie.
*U. S. Monthly Weather Review.
*University of Toronto Studies, Geological
Series.

Mathematics, Chemistry, and Physics

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| <p> Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.
 Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der deutschen chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.
 Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Cambridge Tracts in Mathematics.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Faraday Society Transactions.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahrbuch über die Fortschritte der Mathematik.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique. </p> | <p> Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie.
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the Optical Society.
 Kolloidzeitschrift.
 Mathematische Annalen.
 Mathematische Zeitschrift.
 Messenger of Mathematics.
 Monatshefte für Chemie.
 Physical Review.
 Physikalische Zeitschrift.
 Proceedings of the London Mathematical Society.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Revue Semestrielle de Publications Mathématiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Bulletin.
 Zeitschrift für anorganische Chemie.
 Zeitschrift für Elektrochemie.
 Zeitschrift für Mathematik und Physik.
 Zeitschrift für Physik.
 Zeitschrift für physikalische Chemie. </p> |
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STUDENTS



UNDERGRADUATE STUDENTS

1928-1929

- ADAMS, HELEN REDINGTON.....1927-29.
Greenwich, Conn. Prepared by the Brearley School, New York City.
- ALEXANDERSON, AMELIE MARGARET.....1928-29.
Schenectady, N. Y. Prepared by Rosemary Hall, Greenwich, Conn.
- ASHER, DOROTHY W.....1927-29.
Philadelphia. Prepared by the Philadelphia High School for Girls.
- ATLEE, FRANCES.....*Major, French*, 1926-29.
Lancaster, Pa. Prepared by the Shipley School, Bryn Mawr.
- ATMORE, MOLLY.....1928-29.
Wayne, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- BACHOFER, ELIZABETH J.....*Major, Philosophy*, 1926-29.
Reading, Pa. Prepared by the High School, Reading, and by the Misses Kirk's School, Bryn Mawr.
- BACHOFER, MARYBEL AVO.....1927-28, *Sem. II*, 1928-29.
Reading, Pa. Prepared by the High School, Reading.
- BAER, ELIZABETH.....1927-29.
Timonium, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- BAKER, ELIZABETH ROBISON.....*Major, Chemistry*, 1926-29.
Fulton, Mo. Prepared by the Synodical Academy, Fulton. James E. Rhoads Sophomore Scholar, 1927-28. Thomas H. Powers Memorial Scholar, 1928-29.
- BALCH, KATHERINE NOYES.....*Major, Psychology*, 1925-29.
Jamaica Plain, Mass. Prepared by Miss May's School, Boston, Mass., by the Concord Academy, Concord, Mass., and by the Winsor School, Boston, Mass.
- BALIS, NANCY MARIA.....1928-29.
Germantown, Philadelphia. Prepared by the Friends' School, Germantown.
- BAN, HANNAH KAORUKO.....*Major, Economics and Politics*, 1926-29.
Utsunomiya, Japan. Prepared by the Tsuda College, Tokio, Japan, and by the Misses Kirk's School, Bryn Mawr. Japanese Scholar, 1926-29.
- BANCROFT, GERTRUDE.....*Major, Economics and Politics*, 1926-29.
Harrisville, R. I. Prepared by the Wheeler School, Providence, R. I.
- BANG, VAUNG-TSIEN.....*Major, Economics and Politics*, 1926-29.
Soochow, China. Prepared by the Shanghai Baptist College, China, and by Randolph-Macon Women's College, Va. Chinese Scholar, 1926-29.
- BARBER, MARIAN GEORGIA MARSHALL,
Major, Economics and Politics, 1925-29.
Bryn Mawr, Pa. Prepared by Berkeley Institute, Brooklyn, N. Y., and by the Phebe Anna Thorne School, Bryn Mawr.
- BARKER, ELIZABETH ROBERTS.....1928-29.
Norristown, Pa. Prepared by the Westtown School, Westtown, Pa. Alumnae Regional Scholar, 1928-29.
- BARNES,* HELEN WILSON.....*Hearer by Courtesy in Italian*, 1924-29.
Bryn Mawr, Pa.
- BARTH, JANE.....*Major, Economics and Politics*, 1925-29.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.

* Mrs. James Barnes.

- BAUR, ROSEMARY.....1928-29.
Chicago, Illinois. Prepared by the Ethel Walker School, Simsbury, Conn.
- BAXTER, EDITH STRONG.....*Major, English*, 1926-29.
New York City. Prepared by St. Faith's School, New York City, and by the Misses Kirk's School, Bryn Mawr. Special Sophomore Scholar, 1927-28. Special Scholar, 1928-29.
- BECKET, JEAN CROCKET.....*Major, English*, 1925-29.
East Orange, N. J. Prepared by Miss Baldwin's School, East Orange, by the High School, East Orange, and by Miss Beard's School, Orange, N. J.
- BEECHER, CAROLYN BULLOCK.....*Major, Chemistry*, 1927-29.
Pottsville, Pa. Prepared by the Pottsville High School and Northfield Seminary, East Northfield, Mass.
- BELL, HELEN GRAHAM.....1927-29.
Hubbard Woods, Ill. Prepared by the North Shore Country Day School, Winnetka, Ill.
- BEMIS, ALICE.....1928-29.
Chestnut Hill, Mass. Prepared by the A. L. Paige Tutoring School, Brookline, Mass.
- BENHAM, ISABEL HAMILTON.....1927-29.
Elmira, N. Y. Prepared by the Shipley School, Bryn Mawr.
- BENNETT, ELEANOR.....1928-29.
Cambridge, Mass. Prepared by the Low and Heywood School, Stamford, Conn., and the Buckingham School, Cambridge, Mass.
- BERNHEIMER, LEONORE.....1928-29.
Germantown, Philadelphia. Prepared by the Germantown High School, Philadelphia.
- BERTOLET, MARY.....*Major, History*, 1926-29.
Reading, Pa. Prepared by the High School, Reading.
- BEYEA, HELEN PINTARD.....1928-29.
St. Davids, Pa. Prepared by the Shipley School, Bryn Mawr.
- BIDDLE, RUTH.....*Major, History*, 1925-29.
Wallingford, Pa. Prepared by the Friends' Select School, Philadelphia, and by the Westtown School, Westtown, Pa.
- BIGELOW, ELIZABETH PERKINS.....*Major, Chemistry*, 1926-29.
Concord, Mass. Prepared by the Winsor School, Boston, Mass.
- BISSELL, JANET WATSON.....1927-29.
New York City. Prepared by Miss Chandor's School, New York City.
- BLACK, SARA LOUISE.....1928-29.
Peoria, Illinois. Prepared by the Sunset Hill School, Kansas City, Mo., and the Misses Kirk's School, Bryn Mawr.
- BLANCHARD, ELIZABETH ARDEN.....1927-29.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore. Special Alumnae Scholar, 1927-28.
- BLAYNEY, FRANCES LINDSEY,
Major, History of Art, 1925-27; *Sem. II*, 1927-28; 1928-29.
Clayton, Mo. Prepared by Mary Institute, St. Louis, Mo.
- BLUMENTHAL, DORIS.....*Major, Chemistry*, 1925-29.
New York City. Prepared by the Ethical Culture School, New York City. Elizabeth S. Shippen Scholar in Science, 1928-29.
- BOWLER, KATHERINE WISE.....*Major, Economics and Politics*, 1926-29.
New York City. Prepared by the Wheeler School, Providence, R. I., and by the Misses Kirk's School, Bryn Mawr.
- BOYD, ELIZA.....*Major, History*, 1925-29.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh, and by Miss Wright's School, Bryn Mawr.
- BRADLEY, JANE BUEL.....*Major, French*, 1925-27; *Sem. II*, 1927-28.
St. Louis, Mo. Prepared by Miss Eoff's School, St. Louis, and by Mary Institute, St. Louis. Junior year in France.

- BRADLEY, MARGARET ELEANOR.....1928-29.
Brookline, Mass. Prepared by Hayes Court, Kent, England, and the Winsor School,
Boston, Mass. Alumnae Regional Scholar, 1928-29.
- BRADLEY, SARAH ELIZABETH.....*Major, Geology*, 1925-29.
Brookline, Mass. Prepared by St. Mary's School, Concord, N. H., and by Hayes Court,
Hayes, Kent, England. Alumnae Regional Scholar, 1925-29, and Abby Slade Brayton
Durfee Scholar, 1926-27.
- BRICE, MONICA.....1928-29.
New York City. Prepared by the Ogontz School, Rydal, Pa. Matriculation Scholar for
Pennsylvania and the Southern States, 1928-29.
- BRINKER, GLADYS LUCILLE.....1928-29.
Youngstown, Ohio. Prepared by the Misses Kirk's School, Bryn Mawr.
- BROOKS, EVELYN REED,
Major, French, 1924-27; *Sem. I*, 1927-28; *Sem. II*, 1928-29.
Cazenovia, N. Y. Prepared by the Brearley School, New York City, and by the Ethel
Walker School, Simsbury, Conn.
- BROWN, ALLIS DEBORAH.....*Major, Greek*, 1926-29.
Cheltenham, Pa. Prepared by the Westtown School, Westtown, Pa. Mary Anna Long-
streth Memorial Scholar and Alumnae Regional Scholar, 1927-28.
- BROWN, CLARISSA BROWNING.....1928-29.
Moorestown, N. J. Prepared by the Westtown School, Westtown, Pa.
- BROWN, DOROTHY JANE.....1928-29.
Red Bank, N. J. Prepared by the Shipley School, Bryn Mawr.
- BRUÈRE, JEAN.....1928-29.
Portland, Oregon. Prepared by the Allen Preparatory School, Portland, Oregon.
- BRYANT, REBECCA SWIFT.....*Major, Biology*, 1925-29.
Torrington, Conn. Prepared by the High School, Torrington, and by the Walnut Hill
School, Natick, Mass.
- BUEL, VICTORIA TORRILHON.....*Major, French*, 1925-29.
New York City. Prepared by Miss Chandor's School, New York City. Alumnae Regional
Scholar, 1925-26.
- BUNN, MARY JAMESON.....1927-29.
Rocky Mount, N. C. Prepared by the Misses Kirk's School, Bryn Mawr.
- BURDICK, VIRGINIA.....1927-29.
Hampton, Conn. Prepared by the High School, Hartford. Alumnae Regional Scholar,
1927-28. Special Scholar, 1928-29.
- BURNAM, MARY.....1928-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- BURNETT, ANNE ELIZABETH.....1928-29.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis, Mo. Alumnae Regional
Scholar, 1928-29.
- BURROWS, ANGELYN LOUISE.....1927-29.
New York City. Prepared by the Shipley School, Bryn Mawr. Alumnae Regional Scholar,
1927-29.
- BUTTERWORTH, VIRGINIA.....1928-29.
West Hartford, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- BYERLEY, MELODY.....1928-29.
Kansas City, Mo. Prepared by the Westport High School, Mo. Special Alumnae Regional
Scholar, 1928-29.
- BYRNE, EDITH ASHWORTH.....1928-29.
Staten Island, N. Y. Prepared by the Curtis High School, New York, and Dongan Hall,
Staten Island.
- CAMERON, YVONNE GUYOT.....1928-29.
Princeton, N. J. Prepared by Miss Fine's School, Princeton, N. J. Alumnae Regional
Scholar, 1928-29.

- CAPARN, RHYS.....1927-29.
New York City. Prepared by the Brearley School, New York City. Matriculation Scholar for New York, New Jersey and Delaware, 1927-28. Book Shop Scholar, 1928-29.
- CARAFIOL, SYLVIA.....*Major, Economics and Politics*, 1926-29.
St. Louis, Mo. Prepared by the Mary Institute, St. Louis.
- CHANNING, BARBARA.....*Major, English*, 1925-29.
Sherborn, Mass. Prepared by the Winsor School, Boston, Mass. Bryn Mawr Matriculation Scholar for the New England States, 1924. Maria L. Eastman Brooke Hall Memorial Scholar, Charles S. Hinchman Memorial Scholar, and Sheelah Kilroy Memorial Scholar in English, 1928-29.
- CHISOLM, FRANCES BOARDMAN.....*Major, Psychology*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- COLE, ANNE MORRIS.....*Major, Latin*, 1927-29.
Philadelphia. Prepared by the Girls' High School, Philadelphia. Trustees' Scholar, 1927-29.
- COLE, MARY CONSTANCE.....*Major, Chemistry*, 1926-29.
Niagara Falls, N. Y. Prepared by the Misses Kirk's School, Bryn Mawr.
- COLEMAN, CATHERINE WAITE.....1928-29.
Norristown, Pa. Prepared by the Phebe Anna Thorne School, Bryn Mawr.
- COLLINS, KATHARINE HILL.....*Major, Psychology*, 1925-29.
Bryn Mawr, Pa. Prepared by the Shipley School, Bryn Mawr, and by the Ethel Walker School, Simsbury, Conn.
- COMPTON, CLARISSA CLEVELAND.....1928-29.
Cragmoor, N. Y. Prepared by Miss Wright's School, Bryn Mawr, and Rosemary Hall, Greenwich, Conn.
- CONE, KATHLEEN.....1927-29.
Colonia, N. J. Prepared by The Masters School, Dobbs Ferry, N. Y., and the Misses Kirk's School, Bryn Mawr.
- CONEY, ALICE BARBARA.....*Major, German*, 1926-29.
Princeton, N. J. Prepared by the Baldwin School, Bryn Mawr, Pa.
- CONVERSE, ELIZABETH.....1928-29.
Rosemont, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- COOK, ELIZABETH LAWSON.....*Major, Economics and Politics*, 1927-29.
Towson, Md. Prepared by the Roland Park Country Day School, Baltimore, Md. Matriculation Scholar for Pennsylvania and the Southern States, 1927-28.
- COOK, ENID APPO.....1927-29.
Washington, D. C. Prepared by the Dunbar High School, Washington, and by Howard University. Maria Hopper Sophomore Scholar, 1928-29.
- COOK, JOSEPHINE.....*Major, Latin*, 1925-29.
Merion, Pa. Prepared by the Lower Merion High School and by private tuition. Lower Merion High School Scholar, 1925-29.
- COOK, MARGARET MARY.....*Major, Latin*, 1926-29.
Reading, Pa. Prepared by the High School, Reading, and by private tuition.
- CORBETT, ROBERTA.....*Major, Philosophy*, 1926-29.
Suffolk, Va. Prepared by Miss Madeira's School, Washington, D. C.
- COSS, MARY ELIZABETH.....*Sem. I*, 1928-29.
Haverford, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- COWING, MARIE ANTOINETTE.....*Major, History*, 1927-29.
New York City. Prepared by the Hamilton Institute for Girls, New York City, and the Misses Kirk's School, Bryn Mawr.
- CRANE, OLIVE CORDELIA.....1928-29.
Wilmington, Del. Prepared by the Ethel Walker School, Simsbury, Conn.
- CROSS, DOROTHEA.....1926-29.
Fitchburg, Mass. Prepared by the High School, Groton, Mass., and by the High School, Fitchburg. Alumnae Regional Scholar, 1926-29. Maria Hopper Sophomore Scholar, 1927-28, Mary E. Stevens Junior Scholar, 1928-29.

- CROSS, ROSAMOND.....*Major, History*, 1925-29.
Fitchburg, Mass. Prepared by the High School, Groton, Mass., and by the High School, Fitchburg. Alumnae Regional Scholar, 1925-29, Mary E. Stevens Junior Scholar, 1927-28.
- DARLINGTON, CELIA GAUSE.....1927-29.
Brookline, Mass. Prepared by the Brimmer School, Boston, Mass. Alumnae Regional Scholar, 1927-29. Maria Hopper Sophomore Scholar, 1928-29.
- DAVIS, LOIS ELIZABETH.....*Major, Psychology*, 1926-29.
Princeton, N. J. Prepared by Miss Fine's School, Princeton.
- DAVIS, REBECCA HEMPHILL.....1928-29.
Elkridge, Md. Prepared by the Bryn Mawr School, Baltimore, Md. Bryn Mawr School Scholar, 1928-29.
- DAVISON, EMELINE ELLIDA.....1928-29.
New York City. Prepared by the Brearley School, New York City.
- DEAN, CATHERINE ELIZABETH...*Major, Economics and Politics*, 1926-29.
Haverford, Pa. Prepared by the Shipley School, Bryn Mawr. Foundation Scholar, 1926-29.
- DE LA VEGA, ELVIRA.....*Major, German*, 1925-29.
Washington, D. C. Prepared by private tuition and by The Misses Kirk's School, Bryn Mawr, Pa.
- DE ROO, GRACE ISABEL.....*Major, Biology*, 1925-29.
Roslindale, Mass. Prepared by the Girls Latin School, Boston, Mass. Bryn Mawr Matriculation Scholar for the New England States, 1925-26, Alumnae Regional Scholar, 1925-29, and Anna Hallowell Memorial Scholar, 1927-28.
- DE VAUX, MYRTLE.....*Major, English*, 1927-29.
Piedmont, Calif. Prepared by Miss Ransom and Miss Bridges' School, Piedmont.
- DEWES, GRACE HEDWIG.....1928-29.
Chicago, Illinois. Prepared by the Ethel Walker School, Simsbury, Conn.
- DICKERMAN, JOY IVEY CARTER.....*Major, History*, 1926-29.
New York City. Prepared by Miss Todhunter's School, New York City, and by the Ethel Walker School, Simsbury, Conn.
- DIXON, MARIE COFFMAN.....*Major, History*, 1927-29.
Omaha, Nebr. Prepared by Miss Madeira's School, Washington, D. C.
- DOAK, ELIZABETH.....*Major, History*, 1927-29.
Philadelphia. Prepared by the Germantown Friends' School, Germantown, Philadelphia.
- DONALD, JEAN DITMARS.....*Major, History*, 1927-28, *Sem. II*, 1928-29.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- DOUGLAS, ELLEN HEWSON.....*Major, French*, 1926-29.
Overbrook, Pa. Prepared by the Shipley School, Bryn Mawr.
- DOYLE, MARGARET VOORHEES.....*Major, Latin*, 1925-29.
Philadelphia. Prepared by the Academy of Notre Dame, Philadelphia, and by the Misses Kirk's School, Bryn Mawr, Pa.
- DRAKE, MARY POLK.....*Major, English*, 1927-29.
Miami, Fla. Prepared by the Shipley School, Bryn Mawr.
- DUBREUIL, CLARISSE ADELE.....1927-29.
Havana, Cuba. Prepared by St. Mary's School, Raleigh, N. C., and by the Harecum School, Bryn Mawr.
- DURFEE, MARY BRAYTON.....*Major, Greek*, 1926-29.
Fall River, Mass. Prepared by the Durfee High School, Fall River, and by the Ethel Walker School, Simsbury, Conn.
- DURHAM, MARY LOUISA.....1926-27; *Sem. I*, 1927-28; 1928-29.
Louisville, Ky. Prepared by the Louisville Collegiate School, Louisville, and by the Baldwin School, Bryn Mawr.
- DYER, CLARISSA LEWIS.....*Major, History*, 1924-26, 1927-29.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.
- DYER, ETHEL CHOUTEAU.....*Major, English*, 1927-29.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.

- EDWARDS, MARY ELIZABETH.....*Major, English*, 1926-29.
Oklahoma City, Okla. Prepared by the Shipley School, Bryn Mawr.
- EINSIEDLER, CHARLOTTE BEATRICE.....1928-29.
Stirling, Morris Co., N. J. Prepared by Kent Place School, Summit, N. J. Matriculation
Scholar for New York, New Jersey and Delaware, 1928-29.
- ENGLE, PAULINE BUBE.....1928-29.
Mount Joy, Pa. Prepared by the Mount Joy High School and the Misses Kirk's School,
Bryn Mawr.
- EVERS, LOUISE HEDWIG.....1928-29.
Baltimore, Md. Prepared by the Philadelphia High School for Girls. Charles E. Ellis
Scholar, 1928-29.
- FAIN, CAROLINE VIRGINIA.....*Major, Psychology*, 1925-29.
Greenwich, Conn. Prepared by Rosemary Hall, Greenwich.
- FARQUHAR, CHARLOTTE ELIZABETH.....*Major, French*, 1926-29.
York, Pa. Prepared by the Collegiate School, York, and by Miss Wright's School, Bryn
Mawr.
- FAUST, BERTHA BROSSMAN.....1927-29.
Wyomissing, Pa. Prepared by the High School, Wyomissing, and by the Misses Kirk's
School, Bryn Mawr.
- FEHRER, ELIZABETH VANDERBILT.....*Major, Psychology*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City.
- FERGUSON, DONITA.....1927-28; *Sem. II*, 1928-29.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- FETTER, ELIZABETH.....1926-29.
Seattle, Wash. Prepared by St. Nicholas School, Seattle.
- FIELD, MARJORIE LILA.....1928-29.
Lenox, Mass. Prepared by Miss Nightingale's School, New York City.
- FINDLEY, MARGARET DEAN.....1927-29.
Altoona, Pa. Prepared by the High School, Altoona, and by Highland Hall, Hollidays-
burg, Pa.
- FISHER, MARGARET.....1928-29.
Salt Lake City, Utah. Prepared by the Misses Kirk's School, Bryn Mawr.
- FISK, EDITH.....*Major, Latin*, 1926-29.
Buffalo, N. Y. Prepared by the Buffalo Seminary, Buffalo.
- FITE, MARY DELAFIELD.....*Major, Italian*, 1924-28; *Sem. I*, 1928-29.
Princeton, N. J. Prepared by Miss Fine's School, Princeton, and by the Baldwin School,
Bryn Mawr.
- FITZGERALD, SUSAN.....*Major, German*, 1925-27, 1928-29.
Jamaica Plain, Mass. Prepared by the Girls' Latin School, Boston, Mass.
- FOLLANSBEE, SUSAN.....1928-29.
Chicago, Illinois. Prepared by the Mary C. Wheeler School, Providence, Rhode Island.
- FOOTE, MARY.....1928-29.
New Haven, Conn. Prepared by the Shipley School, Bryn Mawr.
- FRANCHOT, KATHARINE DUBOIS.....1928-29.
Niagara Falls, N. Y. Prepared by Concord Academy, Concord, Mass.
- FREEMAN, BETTIE CHARTER.....*Major, Economics and Politics*, 1925-29.
Baltimore, Md. Prepared by the Columbus School for Girls, Columbus, Ohio, and by the
Bryn Mawr School, Baltimore. Mallory Whiting Webster Alumnae Regional Scholar,
1925-26. Anna M. Powers Memorial Scholar, 1928-29.
- FRENAYE, FRANCES.....*Major, Latin*, 1926-29.
Philadelphia. Prepared by St. Genevieve-of-the-Pines, Asheville, N. C., and by the Shipley
School, Bryn Mawr.
- FROTHINGHAM, MARY ELIOT.....*Major, French*, 1927-29.
Boston, Mass. Prepared by the Winsor School, Boston, and Miss Ferris' School, Paris,
France.

- FRY, FRANCES ELIZABETH.....*Major, History*, 1925-29.
Burnham, Pa. Prepared by Highland Hall, Hollidaysburg, Pa., by the Agnes Irwin School, Philadelphia, and by private tuition. Bryn Mawr Matriculation Scholar for Pennsylvania and the Southern States, 1925-26, and Constance Lewis Memorial Scholar, 1927-29, Elizabeth Duane Gillespie Scholar in American History, 1928-29.
- FRY, LUCY HOWARD.....1927-29.
Burnham, Pa. Prepared by the Irwin School, Philadelphia. Minnie Murdock Kendrick Scholar, 1927-29.
- GALLAGHER, FRANCES VIRGINIA.....1928-29.
Berkeley, Calif. Prepared by the High School, Newton, Mass.
- GALLAUDET, DENISE.....1928-29.
East Greenwich, R. I. Prepared by the Ethel Walker School, Simsbury, Conn.
- GARDNER, ROSAMOND GILLIS.....*Major, English*, 1926-29.
Brookline, Mass. Prepared by the Roland Park Country Day School, Baltimore, and by the Shipley School, Bryn Mawr.
- GARRETT, HELEN JULIET.....*Major, Economics and Politics*, 1925-29.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
- GATES, FLORENCE MARJORIE.....*Major, Latin*, 1925-28; *Sem. I*, 1928-29.
Philadelphia. Prepared by the Baldwin School, Bryn Mawr.
- GELLHORN, MARTHA ELLIS.....*Major, French*, 1926-29.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis.
- GENDELL, LAURA VALERIA.....*Major, Economics and Politics*, 1925-29.
New York City. Prepared by the High School, Pottstown, Pa., and by the Misses Kirk's School, Bryn Mawr, Pa.
- GEORGE, ANNE BEVERLEY.....*Major, French*, 1927-29.
Richmond, Va. Prepared by the Collegiate School for Girls, Richmond.
- GESSNER, MARY REID.....*Major, English*, 1925-29.
Ardmore, Pa. Prepared by the High School for Girls, West Philadelphia, by the Lower Merion High School, and by Miss Wright's School, Bryn Mawr.
- GILL, CONSTANCE.....1928-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- GILL, ELIZABETH.....1928-29.
Milwaukee, Wis. Prepared by Milwaukee-Downer Seminary, Milwaukee, Wis.
- GLOVER, ALICE LOUISE.....*Major, French*, 1925-29.
Washington, D. C. Prepared by the Maret French School, Washington, and by Miss Madeira's School, Washington. Alumnae Regional Scholar, 1925-26, Maria Hopper Sophomore Scholar and Book Shop Scholar, 1926-27, Thomas H. Powers Memorial Scholar, 1927-28.
- GOETZ, JOSEPHINE SHAW.....1928-29.
Ocean City, N. J. Prepared by the Ocean City High School and the Misses Kirk's School, Bryn Mawr.
- GORDON, SARAH STANLEY.....*Major, History*, 1926-29.
Baltimore, Md. Prepared by the Shipley School, Bryn Mawr.
- GOW, ELIZABETH PURVIANCE.....*Major, History*, 1927-29.
Butte, Mont. Prepared by the High School, Butte, and the Misses Kirk's School, Bryn Mawr.
- GRACE, MARY RANDOLPH.....*Major, Greek*, 1925-29.
New York City. Prepared by the Brearley School, New York City. Bryn Mawr Matriculation Scholar for New York, New Jersey, and Delaware, 1925-26.
- GRAHAM, SUSAN JORDAN.....1928-29.
Greenville, S. C. Prepared by Miss Madeira's School, Washington, D. C.
- GRANT, EDITH.....*Major, History of Art*, 1926-29.
Washington, D. C. Prepared by Miss Burke's School, San Francisco, Calif., and by Miss Madeira's School, Washington.
- GRATON, JOSEPHINE GOULD.....1928-29.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge, Mass.

- GUTMANN, ELIZABETH.....1928-29.
Norwalk, Conn. Prepared by the Thomas School, Rowayton, Conn.
- HALEY, FRANCES BURKE.....*Major, English*, 1925-29.
Joplin, Mo. Prepared by the Wolcott School, Denver, Colo., by the Academy of Our Lady of Mercy, Joplin, and by the Phebe Anna Thorne School, Bryn Mawr.
- HALL, ELIZABETH M.....1928-29.
Clayton, N. J. Prepared by Linden Hall, Pa., and the Harcum School, Bryn Mawr.
- HAMMAN, MARY SHARRETT.....1927-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HANCOCK, THOMASIA HARRIS.....*Major, Latin*, 1926-29.
Cincinnati, Ohio. Prepared by Miss Doherty's School, Cincinnati.
- HAND, CONSTANCE.....*Major, Greek*, 1926-29.
New York City. Prepared by the Brearley School, New York City. Matriculation Scholar for New York, New Jersey and Delaware, 1926-27.
- HAND, FRANCES LYDIA.....*Major, History*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- HANNAH, ELIZABETH LUCIEMAY.....1928-29.
Norristown, Pa. Prepared by Friends' Select School, Philadelphia. Frances Marion Simpson Scholar, 1928-29.
- HANNAY, AGNES KATHERINE.....*Major, Mathematics*, 1926-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington. Mary Anna Longstreth Memorial Scholar, 1928-29.
- HANSEN, MAYSIE CATLIN.....1928-29.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- HARDENBERGH, ALICE LEE.....1928-29.
Kansas City, Mo. Prepared by Sunset Hill School, Kansas City, Mo.
- HARDIN, SUSAN POLK.....1928-29.
Germantown, Philadelphia. Prepared by the Germantown High School, Philadelphia.
- HARMAN, EUGENIA SHERROD.....1928-29.
Washington, D. C. Prepared by Mary Baldwin Seminary, Staunton, Virginia.
- HARRIS, JULIA WHEELER.....*Major, Politics*, 1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- HATFIELD, ELINOR ROSE.....1928-29.
Danville, Illinois. Prepared by the Faulkner School, Chicago, Illinois.
- HEMMINGER, VIOLET MARIE.....1928-29.
Somerset, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- HENRY, CLOVER EUGENIA.....*Major, History*, 1925-29.
Scarborough, N. Y. Prepared by the Scarborough School, Scarborough.
- HERB, EDITH VIRGINIA.....*Major, French*, 1926-29.
Louisville, Ky. Prepared by the Louisville Collegiate School, Louisville.
- HINES, MARGARET ELIZABETH.....*Major, English*, 1926-29.
Goldboro, N. C. Prepared by the King-Smith Studio School, Washington, D. C., and by The Misses Kirk's School, Bryn Mawr.
- HIRSCHBERG, KATE.....*Major, Chemistry*, 1926-29.
Glencoe, Ill. Prepared by the New Trier Township High School, New Trier, Ill., and by the University School for Girls, Chicago, Ill.
- HOBART, VIRGINIA.....1927-29.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka, and by the Ethel Walker School, Simsbury, Conn.
- HOBSON, ANNIE LEIGH.....*Major, English*, 1926-29.
Richmond, Va. Prepared by the St. Catherine School, Richmond. Maria Hopper Sophomore Scholar, 1927-28.
- HOLDEN, GRACE.....1928-29.
New York City. Prepared by the Misses Kirk's School, Bryn Mawr.

- HOLLANDER, ROSAMOND HUTZLER.....1927-28, *Sem. I*, 1928-29.
Baltimore, Md. Prepared by the Friends' School, Baltimore, and by the Misses Kirk's School, Bryn Mawr.
- HOLMES, MARY BLAIR.....1928-29.
Pittsburgh, Pa. Prepared by the Masters School, Dobbs Ferry, N. Y.
- HORTON, ELLA CAMPBELL.....*Major, History*, 1925-29.
Houston, Texas. Prepared by the South End Junior High School, Houston, and by the Shipley School, Bryn Mawr.
- HOUCK, MARY ELIZABETH.....*Major, History of Art*, 1926-29.
Bridgeport, Conn. Prepared by Miss Hall's School, Pittsfield, Mass., and by private tuition.
- HOWE, CATHERINE.....*Major, Economics and Politics*, 1926-29.
Fulton, N. Y. Prepared by the Shipley School, Bryn Mawr.
- HOWELL, AGNES ARMSTRONG.....*Major, History of Art*, 1926-29.
Long Island, N. Y. Prepared by Miss Chapin's School, New York City.
- HOWLAND, LOUISE.....*Major, French*, 1927-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HOWSON, ELIZABETH.....1927-28, *Sem. I*, 1928-29.
Wayne, Pa. Prepared by the Baldwin School, Bryn Mawr.
- HUBBARD, ANNE LOUISE,
Major, French, 1925-26, 1926-27, *Sem. I*, 1927-28; 1928-29.
New York City. Prepared by Miss Ranney's School, Pasadena, Calif., by Mr. Harvey's School, Paris, France, by Miss Spence's School, New York City, by the Ethel Walker School, Simsbury, Conn., and by private tuition.
- HUGER, PAULINE.....1928-29.
Sumter, S. C. Prepared by the Bryn Mawr School, Baltimore, Md.
- HUGHES, MARIAN STEELMAN.....1928-29.
Philadelphia. Prepared by Garrison Forest School, Maryland, and Dongan Hall, Staten Island, N. Y.
- HULSE, MARY PRESTON.....*Major, Economics and Politics*, 1926-29.
New Haven, Conn. Prepared by the High School, New Haven. Pennsylvania Society of New England Women Scholar, 1928-29.
- HUMPHREY, MARTHA ROSALIE.....*Major, History*, 1925-29.
New York City. Prepared by Miss Marshall's Classes and by Miss Chapin's School, New York City.
- HUMPHREYS, BARBARA.....*Major, History*, 1925-29.
Mt. Kisco, N. Y. Prepared by the Rippowan School, Bedford, N. Y., and by the Shipley School, Bryn Mawr.
- HUMPHREYS, BLANCHE BARLOW.....1927-29.
New York City. Prepared by the Brearley School, New York City.
- HUNTER, LAURA NORTH.....1928-29.
Philadelphia. Prepared by the Phebe Anna Thorne School, Bryn Mawr.
- HYMAN, MIRIAM FRANCES.....1927-29.
Huntington, W. Va. Prepared by the High School, Huntington, and Ohio State University.
- JENKINS, CLARA DOROTHEA.....1927-29.
Pittsburgh, Pa. Prepared by Miss Shearer's School, Pittsburgh, and by Dongan Hall, Staten Island, N. Y.
- JENKINS, MARIANNA DUNCAN.....1927-29.
Cincinnati, Ohio. Prepared by Hughes High School, Cincinnati, and by the Woman's College, Constantinople.
- JOHNSON, MARY JOY.....1927-29.
Salt Lake City, Utah. Prepared by Rowland Hall, Salt Lake City, and by the Shipley School, Bryn Mawr.
- JOHNSTON, MARY ELIZABETH.....*Major, French*, 1926-28; *Sem. II*, 1928-29.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn.
- JONES, CONSTANCE ANDREWS.....*Major, German*, 1926-29.
Wynnewood, Pa. Prepared by the Agnes Irwin School, Philadelphia.

- KEASBEY, JULIA NEWBOLD.....*Major, Philosophy*, 1926-29.
Morristown, N. J. Prepared by the Peck School, Morristown, and by the St. John Baptist School, Ralston, N. J.
- KENNEDY, ANN-MARIE.....1927-29.
Omaha, Nebr. Prepared by the Emma Willard School, Troy, N. Y.
- KING, * MARY ANDERSON.....*Hearer by Courtesy*, 1928-29.
Bryn Mawr.
- KIRK, BARBARA.....1927-29.
Merion Station, Pa. Prepared by the Baldwin School, Bryn Mawr.
- KITCHEN, RUTH.....*Major, Mathematics*, 1925-29.
Philadelphia. Prepared by the Stevens School, Germantown, and by the Germantown Friends' School, Germantown, Philadelphia.
- KNAPP, ELIZABETH.....1928-29.
Camden, S. C. Prepared by Miss Madeira's School, Washington, D. C.
- KNOFF, AGNES.....1928-29.
New Haven, Conn. Prepared by the High School, New Haven, and Rosemary Hall, Greenwich, Conn. Special Alumnae Regional Scholar, 1928-29.
- KNOX, SYLVIA DOUGHTY.....*Major, Psychology*, 1926-29.
New Canaan, Conn. Prepared by Packer Collegiate Institute, New York City.
- KRANZ, ALICE.....1928-29.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- KREUTZBERG, ROBIN.....1927-29.
Bethlehem, Pa. Prepared by Mr. Allen Bell's School, Lake Forest, Ill., the Lycee Victor Drury, Versailles, France, the Dodson Day School, Bethlehem, and the Misses Kirk's School, Bryn Mawr.
- LAKE, AGNES KIRSOPP.....*Major, Latin*, 1926-29.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge, and by St. Paul's School for Girls, London, England. Anna Hallowell Memorial Scholar, 1928-29.
- LAMBERT, MARY ROBINSON.....*Major, History*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- LATANÉ, ELINOR.....*Major, History*, 1926-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore, Bryn Mawr School Scholar, 1926-27. George Bates Hopkins Memorial Scholar in Music, 1927-29.
- LAWRENCE, RUTH EARLE.....*Major, History*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City, and by the Brearley School, New York City.
- LEARNED, ANNABEL FRAMPTON.....*Major, English*, 1925-29.
New York City. Prepared by the Horace Mann High School for Girls, New York City.
- LEE, FRANCES McDANNOLD.....*Major, Economics and Politics*, 1926-29.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- LEVY, RUTH.....1928-29.
Philadelphia. Prepared by the Philadelphia High School for Girls and Goucher College.
- LINN, ELIZABETH HOWLAND.....
Major, History, 1925-27; *Sem. II*, 1927-28; 1928-29.
Chicago, Ill. Prepared by the University High School, Chicago; University of Chicago, 1924-25. Alumnae Regional Scholar, 1925-27, and Book Shop Scholar, 1926-27.
- LITTLEHALE, LOUISE ELLIOTT.....*Major, French*, 1926-28.
Boston, Mass. Prepared by the Winsor School, Boston. Junior Year in France.
- LIVERMORE, ELIZABETH STIMSON.....1928-29.
Boston, Mass. Prepared by the Winsor School, Boston.
- LOMBARDI, CAROLYN ENNIS.....1928-29.
Berkeley, California. Prepared by Miss Ransom and Miss Bridge's School, Piedmont, California.

* Mrs. Samuel Arthur King.

- LONGSTRETH, SARAH.....*Major, English*, 1926-29.
Philadelphia. Prepared by the Friends' Select School, Philadelphia.
- LOOMIS, VIRGINIA LANGDON.....*Major, English*, 1926-29.
New York City. Prepared by the Brearley School, New York City.
- LORD, ANNE KIRKHAM.....1927-29.
New York City. Prepared by the Brearley School, New York City.
- LOW, EMILY JANE.....*Major, English*, 1927-29.
Kansas City, Mo. Prepared by the Sunset Hill School and the Barstow School, Kansas City.
- LOWE, MARGARET COGGESHALL.....1927-29.
Stamford, Conn. Prepared by the High School, Miami, Fla., the High School, Mamaroneck, N. Y., and the Harcum School, Bryn Mawr.
- MACATEE, GERTRUDE PAXTON.....1927-29.
Washington, D. C. Prepared by Central High School, Washington, and by Miss Madeira's School, Washington.
- MACCOUN, MARY.....1928-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MARKLEY, SYLVIA MOSS.....*Major, French*, 1927-29.
Sunbury, Pa. Prepared by the High School, Sunbury, and the Birmingham School, Birmingham, Pa.
- MARTIN, MARGARET HAMILTON...*Major, Economics and Politics*, 1926-29.
San Francisco, Calif. Prepared by the Katherine Branson School, Ross, Calif.
- MCCAW, FLEWELLYN PLANT.....1928-29.
New York City. Prepared by the Barrington School, Great Barrington, Mass., and Miss Chapin's School, New York City.
- MCCLATCHY, DOROTHY MARIE.....1928-29.
Philadelphia. Prepared by the Misses Kirk's School, Bryn Mawr.
- MCCLELLAND, KATHERINE.....1928-29.
Oklahoma City, Okla. Prepared by Miss Madeira's School, Washington, D. C.
- MCCLURE, MARJORIE LOUISE.....1928-29.
Fairlawn, Ohio. Prepared by the Shipley School, Bryn Mawr.
- MCCULLY, WINIFRED HARTWELL.....1928-29.
Orange, N. J. Prepared by Miss Beard's School, Orange, N. J.
- MCDERMOTT, MARY MARIOORA.....*Major, Italian*, 1925-29.
New Haven, Conn. Prepared by the Gateway, New Haven, and by Rosemary Hall, Greenwich, Conn.
- McFADDEN, EMILIE BARCLAY.....*Sem. I*, 1928-29.
Villa Nova, Pa. Prepared by the Shipley School, Bryn Mawr.
- MCKELVY, MARGARET LEE.....1927-29.
New York City. Prepared by St. Timothy's School, Cantonville, Md.
- MCKINNEY, ELIZABETH.....*Major, French*, 1927-29.
Wickliffe, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- McVITTY, RUTH DWIGHT.....*Major, History*, 1925-29.
Bryn Mawr, Pa. Prepared by the Phebe Anna Thorne School, Bryn Mawr, and by the Ethel Walker School, Simsbury, Conn.
- MEAD, DOROTHY SUSAN.....1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- MEEHAN, MABEL FRANCES.....*Sem. I*, 1928-29.
Gwynedd Valley, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1928-29.
- MERCER, ALICE KATHARINE.....*Major, Psychology*, 1925-29.
New York City. Prepared by the Community School, New Haven, Conn., by Ely Court, Greenwich, Conn., and by Dana Hall, Wellesley, Mass.
- MERRILL, ADELE KATTE.....*Major, History of Art*, 1926-29.
New York City. Prepared by the Brearley School, New York City.

- MEYER, FLORENCE.....1928-29.
New York City. Prepared by Miss Madeira's School, Washington, D. C.
- MILLER, NANCY LEE.....*Major, Economics and Politics*, 1927-29.
Chicago, Ill. Prepared by the Faulkner School, Chicago.
- MILLIKEN, RUTH KNOWLES.....1928-29.
North Dighton, Mass. Prepared by St. Genevieve-of-the-Pines, S. C., and by House in the Pines, Norton, Mass.
- MITCHELL, KATE LOUISE.....1928-29.
Buffalo, N. Y. Prepared by the Westover School, Middlebury, Conn.
- MONGAN, ELIZABETH MARY.....1927-29.
Somerville, Mass. Prepared by the Cambridge-Haskell School, Cambridge, Mass.
- MOORE, ALWINE JANE.....*Major, History*, 1927-29.
Englewood, N. J. Prepared by the Dwight School, Englewood, and the Baldwin School, Bryn Mawr.
- MOORE, HARRIET LUCY.....1928-29.
Hubbard Woods, Illinois. Prepared by the North Shore Country Day School, Winnetka, Illinois.
- MORAN, ECCLESTON.....*Major, Philosophy*, 1925-29.
San Francisco, Calif. Prepared by Miss Burke's School, San Francisco, and by special courses, Lowell High School, San Francisco.
- MORE, CATHERINE ELMER.....1928-29.
Cincinnati, Ohio. Prepared by the Ethel Walker School, Simsbury, Conn.
- MORRISON, ROSEMARY,
.....*Major, History*, 1926-27; *Sem. II*, 1927-28; 1928-29
Chicago, Ill. Prepared by Miss Harris' School, Chicago, and by the Parker School, Chicago.
- MUELLER, GRETCHEN BRIGHT.....1928-29.
Chicago, Illinois. Prepared by the High School, Jenkintown, Pa.
- NEWBOLD, VIRGINIA...*Major, History of Art*, 1923-25, 1926-27, 1928-29.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- NICHOLS, ADELE LOWBER.....1928-29.
Philadelphia. Prepared by the Philadelphia High School for Girls and the Misses Kirk's School, Bryn Mawr.
- NICHOLSON, ANNE LEA.....*Major, Physics*, 1926-29.
Moorestown, N. J. Prepared by the Westtown School, Westtown, Pa., and by the Friends' Select School, Philadelphia.
- NOBLE, SUSAN VILETTE.....1928-29.
Fort Jay, N. Y. Prepared by the National Cathedral School, Washington, D. C. Alumnae Regional Scholar, 1928-29.
- NUCKOLS, MARGARET OULD.....1927-29.
Albany, N. Y. Prepared by Saint Agnes School, Albany. Alumnae Regional Scholar, 1927-29.
- OAKFORD, MARY.....1927-29.
Haverford, Pa. Prepared by the Baldwin School, Bryn Mawr.
- OPPENHEIMER, JANE MARION.....1928-29.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence, R. I.
- OVERTON, BETTY THOMSON.....*Major, English*, 1927-29.
New York City. Prepared by Miss Chandor's School, New York City. Anna Powers Memorial Scholar, 1928-29.
- PACKARD, ELIZABETH CAZENOVE GARDNER,
.....*Major, History of Art*, 1925-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Alumnae Regional Scholar and Mallory Whiting Webster Scholar, 1926-28. Bertha Norris Bowen Memorial Scholar, 1928-29.
- PAGE, CELESTE WALKER.....1926-28; *Sem. II*, 1928-29.
Washington, D. C. Prepared by the National Cathedral School, Washington.

- PAGE, DOROTHY DAWSON.....1928-29.
New York City. Prepared by the Brearley School, New York City.
- PALMER, MARCELLA.....*Major, Philosophy*, 1925-26, 1927-29.
Washington, D. C. Prepared by the High School, Mt. Holly, N. J., and by Miss Madeira's School, Washington.
- PARK, MARION.....*Major, Philosophy*, 1925-29.
Boston, Mass. Prepared by Miss Lee's School, Boston, and by the May School, Boston.
- PARK, MARJORIE LINCOLN.....*Major, History*, 1926-29.
New York City. Prepared by the Brearley School, New York City.
- PARKHURST, ANNA GLIDDEN.....*Major, French*, 1926-29.
Bethesda, Md. Prepared by Miss Madeira's School, Washington, D. C.
- PARKS, JEAN DARLING.....*Major, French*, 1926-29.
Danbury, Conn. Prepared by the High School, Danbury, and by Rosemary Hall, Greenwich, Conn.
- PATTERSON, MARGARET NEWMAN,
Major, French, 1925-26; 1926-27, *Sem. II*; 1927-28, 1928-29.
Richmond, Va. Prepared by the Collegiate School for Girls, Richmond, and by St. Catherine's School, Richmond.
- PAXSON, EMMA FELL.....1928-29.
Madison, Wis. Prepared by the Wisconsin High School, Madison, and the University of Wisconsin.
- PECKHAM, CONTENT RATHBONE.....*Major, Mathematics*, 1926-29.
New Rochelle, N. Y. Prepared by the Montemare School, Lake Placid, N.Y., and by the Misses Kirk's School, Bryn Mawr.
- PERKINS, DOROTHEA ECKFELDT.....1928-29.
New York City. Prepared by the Dalton High School, New York City, and Miss Fine's School, Princeton, N. J. Alumnae Regional Scholar, 1928-29.
- PERKINS, ELIZABETH.....*Major, History of Art*, 1925-27; 1928-29.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge.
- PETER, MARGARET.....1928-29.
Bryn Mawr, Pa. Prepared by the Baldwin School, Bryn Mawr.
- PETERS, MARY AUGUSTA.....*Major, Chemistry*, 1926-29.
New Cumberland, Pa. Prepared by the Seiler School, Harrisburg, Pa. Frances Marion Simpson Scholar, 1926-29.
- PINKERTON, ELEANOR COULSON.....1928-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- PITTS, HELEN DORSEY.....1927-29.
Milton, Mass. Prepared by Miss Wright's School, Bryn Mawr.
- PIZOR, DOROTHY.....1927-29.
Philadelphia. Prepared by the Girls' High School, West Philadelphia.
- PLEASANTS, ELIZABETH.....1928-29.
Baltimore, Md. Prepared by St. Timothy's School, Cantonville, Md.
- POE, ELLA KING.....*Major, History*, 1925-29.
Cedar Rapids, Ia. Prepared by the High School, Cedar Rapids, and by St. Timothy's School, Catonsville, Md.
- PURCELL, CHARLOTTE MERCER.....*Major, History*, 1925-29.
Richmond, Va. Prepared by St. Catherine's School, Richmond.
- PUTNAM, PATRICIA.....1928-29.
Jamaica Plain, Mass. Prepared by the Lee School, Boston, Mass.
- QUIMBY, GRACE.....*Major, Latin*, 1925-29.
Philadelphia. Prepared by the Friends' Central School, Philadelphia.
- RALSTON, CONSTANCE.....1928-29.
Washington, D. C. Prepared by Kew Forest School, Long Island, New York.
- RASCH, MARY KATHERINE.....1928-29.
Narberth, Pa. Prepared by Friends' Central School, Philadelphia, and the Baldwin School, Bryn Mawr.

- RAWSON, PRISCILLA.....1928-29.
Long Island, N. Y. Prepared by the Brearley School, New York City.
- RAYMOND, IDA LOUISE.....*Major, English*, 1927-29.
Springfield, Mass. Prepared by the Western High School, Washington, D. C., Rogers High School, Newport, R. I., Girls' High School, San Francisco, Calif., and the University of California.
- REA, CATHERINE LAWRENCE.....*Major, Spanish*, 1925-29.
Ardmore, Pa. Prepared by the Girls' Latin School, Boston, Mass., by the West Philadelphia High School for Girls, Philadelphia, by the Harcum School, Bryn Mawr, and by private tuition.
- REA, MARGUERITE BAILEY.....1927-29.
York, Pa. Prepared by the Collegiate Institute, York, and by the Baldwin School, Bryn Mawr.
- REINHARDT, MARGARET.....1928-29.
Wilmington, Del. Prepared by the Misses Hebb's School, Wilmington, and the Kent Place School, Summit, N. J.
- RENNER, ELEANOR GERTRUDE GEORGE.....1928-29.
Brookline, Mass. Prepared by the Girls' Latin School, Boston.
- RICE, ERNA SARA.....*Major, French*, 1926-28, *Sem. II*, 1928-29.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis.
- RICHARDS, IMOGENE REPPLIER.....*Major, French*, 1926-29.
New York City. Prepared by the Brearley School, New York City. Alumnae Regional Scholar, 1926-29, Maria Hopper Sophomore Scholar, 1927-28.
- RICHARDSON, KATHLEEN MOORE.....*Major, Economics and Politics*, 1926-29.
South Orange, N. J. Prepared by the Columbia High School, South Orange.
- RICHARDSON, LAURA MORSE.....*Major, French*, 1925-26, 1927-29.
Omaha, Nebr. Prepared by St. Timothy's School, Catonsville, Md.
- RIDER, ALICE WHITCOMB.....1928-29.
Jamaica Plain, Mass. Prepared by the Girls' Latin School, Boston. Matriculation Scholar for the New England States and Alumnae Regional Scholar, 1928-29.
- RIELY, MARY DARRALL.....*Major, German*, 1926-29.
Oklahoma City, Okla. Prepared by the Shipley School, Bryn Mawr.
- RIESER, CATHERINE LESHER.....1927-29.
Reading, Pa. Prepared by the Shipley School, Bryn Mawr.
- ROBINSON, FRANCES HASWELL.....1927-29.
East Orange, N. J. Prepared by the Dearborn-Morgan School, Orange, and by Kent Place School, Summit, N. J.
- ROPES, HARRIET.....*Major, History*, 1926-29.
Cambridge, Mass. Prepared by the Winsor School, Boston, Mass.
- RUTLEDGE, ELLA MIDDLETON.....1928-29.
Charleston, S. C. Prepared by Dongan Hall, Staten Island, N. Y.
- SALANT, MARIE JOSEPHINE.....*Major, Economics and Politics*, 1926-29.
New York City. Prepared by the Ethical Culture School, New York City.
- SANBORN, LUCY COBURN.....*Sem. I*, 1927-28; 1928-29.
Andover, Mass. Prepared by Abbott Academy, Andover. Matriculation Scholar for the New England States, 1927-28. Alumnae Regional Scholar, 1928-29.
- SAPER, ENID CONSTANCE.....1928-29.
Brooklyn, N. Y. Prepared by the Friends' School, Brooklyn.
- SAVACOO, MARY WILMA.....1928-29.
Jamaica, N. Y. Prepared by the Cathedral School of St. Mary, Garden City, N. Y.
- SCHOTTLAND, ELEANOR.....*Major, Philosophy*, 1924-26, 1927-29.
East Orange, N. J. Prepared by St. Margaret's School, Waterbury, Conn.
- SCOTT, MARGARET BRIDE.....1927-29.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and the Agnes Irwin School, Philadelphia. Trustees' Scholar, 1927-29.

- SCOTT, SYLVIA.....1927-29.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia, and the Knox School, Cooperstown, N. Y.
- SEARS, LORINE CARPENTER...*Major, English*, 1926-28; *Sem. I*, 1928-29.
Chillicothe, Ohio. Prepared by the High School, Chillicothe, and by Howard Seminary, West Bridgewater, Mass. Abby Slade Brayton Durfee Scholar and Sheelah Kilroy Memorial Scholar in English, 1928-29.
- SELIGMAN, HAZEL.....*Major, Economics and Politics*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City.
- SHALLCROSS, ANTOINETTE BREWER.....*Major, Latin*, 1925-29.
Moorestown, N. J. Prepared by the Goodyear-Burlingame School, Syracuse, N. Y., by the Easton High School, Detroit, Mich., and by Highland Hall, Holidaysburg, Pa.
- SHAUGHNESSY, MARGARET.....*Major, Chemistry*, 1927-29.
Framingham, Mass. Prepared by the High School, Framingham, and by Dana Hall, Wellesley, Mass.
- SHAW, ELLEN HAND.....1928-29.
Merion, Pa. Prepared by the Lower Merion High School. Lower Merion High School Scholar, 1928-29.
- SHEBLE, STEPHANIE ENGEL.....*Major, English*, 1926-29.
Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- SHERLEY, MIGNON.....*Major, History*. 1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington, D. C.
- SHERMAN, GERALDINE.....1926-28; *Sem. I*, 1928-29.
Douglas, Ariz. Prepared by St. Nicholas' School, Seattle, Wash.
- SHIPLEY, BEATRICE.....*Major, History*, 1925-29.
Germantown, Philadelphia. Prepared by the Friends School, Germantown, Philadelphia.
- SHRYOCK, VIRGINIA FLORENCE.....1927-29.
Germantown, Philadelphia. Prepared by the Germantown Friends School, Philadelphia.
- SHUTTLEWORTH, LUCILLE.....1928-29.
Richmond Hill, N. Y. Prepared by the Cathedral School of St. Mary, Garden City, N. Y.
- SICKLES, JANE ELIZABETH.....1928-29.
Cincinnati, Ohio. Prepared by the Hughes High School, Cincinnati.
- SIMERAL, ANNA HARRIET,
Sem. I, 1926-27; *Sem. I*, 1927-28; *Sem. I*, 1928-29.
Steubenville, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- SIMMS, PHYLIS JACQUELINE.....1928-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington, D. C.
- SIXT, KATHERINE LENA.....*Major, French*, 1927-29.
East Cleveland, Ohio. Prepared by the Shaw High School, East Cleveland. Alumnae Regional Scholar, 1928-29.
- SKIDMORE, NINA STURGIS.....*Major, Latin*, 1926-29.
New York City. Prepared by Miss Chapin's School, New York City.
- SMITH, MARGARET ELEANOR MASON.....*Major, History*, 1926-29.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Dongan Hills.
- SMITH, SARAH JENKINS.....1928-29.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore.
- SMITH, VIRGINIA EVERETT.....*Major, French*, 1927-29.
Schenectady, N. Y. Prepared by Miss Hall's School, Pittsfield, Mass.
- SNYDER, HELEN LOUISE.....*Major, Chemistry*, 1927-29.
Brookville, Pa. Prepared by the Baldwin School, Bryn Mawr.
- SPEED, VIRGINIA HERNDON.....1928-29.
Louisville, Ky. Prepared by the Louisville Collegiate School.
- SPEER, CONSTANCE SOPHEA.....*Major, Psychology*, 1925-27; 1928-29.
New York City. Prepared by the Shipley School, Bryn Mawr.

- STEVENSON, HELEN MAXWELL.....*Major, Mathematics*, 1927-29.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and the Agnes Irwin School, Philadelphia. Frances Marion Simpson Scholar, 1927-29.
- STEVENSON, MARTHA VIRGINIA...*Major, Economics and Politics*, 1926-29.
Philadelphia. Prepared by the High School for Girls, West Philadelphia, and by the Misses Kirk's School, Bryn Mawr.
- STEWART, PATRICIA HILL.....1928-29.
Norwalk, Ohio. Prepared by the Norwalk High School and the Columbus School for Girls, Columbus, Ohio. Matriculation Scholar for the Western States, 1928-29.
- STIX, ERMA ELIZABETH.....*Major, Economics and Politics*, 1926-29.
St. Louis, Mo. Prepared by the John Burrough's School, St. Louis.
- STOKES, OLIVIA EGGLESTON PHELPS.....*Major, History*, 1926-29.
Washington, D. C. Prepared by Foxcroft, Middleburg, Va.
- STONINGTON, ELEANOR MARY.....1928-29.
Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- SULLIVAN, CONSTANCE SEAGER.....*Major, English*, 1926-29.
New York City. Prepared by the Brearley School, New York City.
- SULLIVAN, SYDNEY BUCHANAN.....1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- SUSSMAN, ETHEL PICARD.....*Major, Economics and Politics*, 1927-29.
Philadelphia. Prepared by the High School for Girls, Philadelphia. Charles E. Ellis Scholar, 1927-29.
- SWAN, CARLA.....*Major, Psychology*, 1925-29.
Denver, Colo. Prepared by the Walcott School, Denver, and by the Ethel Walker School, Simsbury, Conn.
- SWENSON, MARGRETA CURTIS.....1928-29.
Washington, D. C. Prepared by the Ethel Walker School, Simsbury, Conn.
- SWIFT, LUCY WESTON.....1928-29.
Stamford, Conn. Prepared by the Misses Kirk's School, Bryn Mawr.
- TAGGART, FLORENCE ELY.....1928-29.
Greenwich, Conn. Prepared by Rosemary Hall, Greenwich, Conn.
- TATNALL, FRANCES SWIFT.....*Major, History*, 1927-29.
Wilmington, Del. Prepared by the Misses Hebb's School, Wilmington. Frances Marion Simpson Scholar, 1927-28. Alumnae Regional Scholar, 1928-29.
- TAYLOR, ALICE ELIZABETH.....1926-27; *Sem. II*, 1927-28.
Denver, Colo. Prepared by the East Denver High School, Denver, and by the Abbott Academy, Andover, Mass. Junior Year in France.
- TAYLOR, HELEN LOUISE.....*Major, Archæology*, 1926-29.
Wareham, Mass. Prepared by the Fontaine School, Paris, France, and by the Shipley School, Bryn Mawr. Matriculation Scholar for Pennsylvania and the Southern States, 1926-27.
- TAYLOR, MARTHA JEFFERSON.....1927-29.
Page, W. Va. Prepared by St. Hilda's Hall, Charles Town, W. Va.
- THALMAN, LOUISA ALICE.....1927-29.
Schenectady, N. Y. Prepared by the Shipley School, Bryn Mawr.
- THOMAS, ELIZABETH UTLEY.....1928-29.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh.
- THOMAS, ESTHER EVANS.....1927-29.
Haverford, Pa. Prepared by Miss Wright's School, Bryn Mawr.
- THOMAS, HESTER ANN.....*Sem. I*, 1928-29.
Highland Park, Illinois. Prepared by the Deerfield-Shields High School, Highland Park. Alumnae Regional Scholar, 1928-29.
- THOMAS, HILDA VALL-SPINOSA.....1927-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.

- THOMPSON, BARBETTE.....*Major, English*, 1926-29.
Portsmouth, Virginia. Prepared by the Woodrow Wilson High School, Portsmouth, and by the Misses Kirk's School, Bryn Mawr.
- THOMPSON, CAROLINE HUSTON.....*Major, Archaeology*, 1927-29.
Washington, D. C. Prepared by Miss Madeira's School, Washington.
- THRUSH, EDITH BLANCHE.....*Major, Latin*, 1926-29.
Philadelphia. Prepared by the High Schools for Girls, Philadelphia. Philadelphia City Scholar and L. C. B. Saul Scholar, 1926-29.
- THURBER, KATHERINE.....1927-29.
New York City. Prepared by Miss Spence's School, New York City.
- THURSTON, LOIS MATHER.....1927-29.
San Francisco, Calif. Prepared by the Katharine Branson School, Ross, Calif.
- TOTTEN, ELINOR ALICE.....1927-29.
Washington, D. C. Prepared by the Eastman School, Washington, and Miss Madeira's School, Washington. Alumnae Regional Scholar, 1927-29.
- TRENT, MARJORIE LIDDON.....1928-29.
Lansdowne, Pa. Prepared by the Lansdowne High School and Friends' Select School, Philadelphia.
- TURNER, MARION HUMES.....1927-29.
Parkton, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- TURNER, SARA CLARK.....*Major, French*, 1926-29.
Merion, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- TYLER, CHARLOTTE.....1928-29.
Philadelphia. Prepared by the Springside School, Philadelphia. Special Scholar, 1928-29.
- UFFORD, ELIZABETH HAZARD.....*Major, Biology*, 1925-29.
New York City. Prepared by the Germantown Friends' School, Philadelphia.
- UNANGST, MARGARET RUTH.....*Major, Physics*, 1927-29.
Philadelphia. Prepared by the High School for Girls, Philadelphia. Fred Gowing Memorial Scholar, 1927-28. Trustees' Scholar, 1928-29.
- VAN BUREN, JOSEPHINE DAY.....*Major, Economics*, 1925-29.
Englewood, N. J. Prepared by the Dwight School, Englewood.
- WALKER, MARY PINCKNEY.....1928-29.
Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- WALKER, RHODA.....1928-29.
New York City. Prepared by Miss Chapin's School, New York City.
- WAPLES, EVELYN ALSWORTH.....*Major, English*, 1927-29.
Wayne, Pa. Prepared by the Phebe Anna Thorne School and the Baldwin School, Bryn Mawr, and by the University of Chicago High School.
- WARDWELL, CLARISSA.....1926-27, 1928-29.
Long Island, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- WARFIELD, REBECCA EVELYN.....1927-29.
Baltimore, Md. Prepared by the Roland Park Country Day School, Roland Park, Md. Alumnae Regional Scholar, 1927-28.
- WARING, MARGARET WHITALL.....1928-29.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- WATTS, EDITH ROMEYN.....1928-29.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- WEBSTER, MARY GRAHAM.....1927-29.
Cleveland Heights, Ohio. Prepared by the Laurel School, Cleveland, and by the Misses Kirk's School, Bryn Mawr.
- WEDEMAYER, MAIDIE.....1927-29.
South Miami, Fla. Prepared by the High School, Miami, and the Misses Kirk's School, Bryn Mawr.

- WEST, ANNE NELSON.....1928-29.
Wynnewood, Pa. Prepared by the Germantown Friends' School.
- WEYGANDT, ANN MATLACK.....1928-29.
Mt. Airy, Philadelphia. Prepared by the Germantown Friend's School.
- WHELEN, VIOLET.....*Major, History*, 1925-27, 1928-29.
Washington, D. C. Prepared by Holton-Arms, Washington, D. C.
- WICKES, HENRIETTA CATHERINE.....*Major, English*, 1926-29.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1926-27, and Book Shop Scholar, 1927-28.
- WIEGAND, PHYLLIS DOROTHEA.....*Major, German*, 1926-29.
New York City. Prepared by St. Agatha's School, New York City. Alumnae Regional Scholar, 1926-29.
- WILLIAMS, ANNE CRAIG.....*Major, Philosophy*, 1926-29.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- WILLIAMS, MARGARET.....1928-29.
New York City. Prepared by the Shipley School, Bryn Mawr.
- WILLIAMS, MARY LOW.....*Major, Biology*, 1925-29.
New York City. Prepared by the Brearley School, New York City.
- WILLITS, ANN REDMAN.....1928-29.
Haddonfield, N. J. Prepared by the Westtown School, Westtown, Pa. Foundation Scholar, 1928-29.
- WILLS, REBECCA LOUISA.....*Major, History*, 1925-29.
Media, Pa. Prepared by the Friends' School, Haddonfield, N. J., by Westtown Boarding School, Westtown, Pa., and by the Friends' Select School, Philadelphia. Alumnae Regional Scholar, 1925-27, and Foundation Scholar, 1925-29.
- WILSON, ELIZABETH.....*Major, French*, 1926-28.
Washington, D. C. Prepared by the Western High School, Washington. Junior Year in France.
- WINSHIP, KATHERINE MARY.....1927-29.
Macon, Ga. Prepared by the High School, Macon, Ga., and by St. Timothy's School, Catonsville, Md.
- WISE, JANET FLORENCE.....*Major, Mathematics*, 1926-29.
New York City. Prepared by the Ethical Culture School, New York City.
- WOOD, ANNE ELIZABETH.....*Major, Economics and Politics*, 1926-29.
Washington, D. C. Prepared by the Holton-Arms School, Washington. James E. Rhoads Junior Scholar, 1928-29.
- WOODS, JANET MCCLEARY.....1928-29.
Iowa City, Iowa. Prepared by the Peking American School, China, and the Misses Kirk's School, Bryn Mawr.
- WOODS, MARGARET SOUTTER.....1928-29.
Iowa City, Iowa. Prepared by the Peking American School, China and the Misses Kirk's School, Bryn Mawr.
- WOODWARD, GERTRUDE HOUSTON.....1928-29.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Philadelphia.
- WOODWARD, NANCY HOOKER.....*Major, Psychology*, 1925-29.
New York City. Prepared by the Memorial High School, Pelham, N. Y., and by Rosemary Hall, Greenwich, Conn.
- WORTHINGTON, BLANCHE.....*Major, History*, 1927-29.
Forest Grove, Pa. Prepared by the High School, Doylestown, Pa., and by George School, George School, Pa. James E. Rhoads Sophomore Scholar, 1928-29.
- WRAY, LOUISE RUSSELL,
Major, History of Art, 1924-27; *Sem. II*, 1927-28; *Sem. I*, 1928-29.
New York City. Prepared by the Washington Irving High School, New York City, by the Brearley School, New York City, and by private tuition.
- WRIGHT, DOROTHY MILLER.....1927-29.
Norristown, Pa. Prepared by the Baldwin School, Bryn Mawr, and by the National Cathedral School, Washington, D. C.

WRIGHT, HILDA EMILY TYLSTON,

Major, English, 1925-28; Sem. I, 1928-29.

Portland, Ore. Prepared by the Misses Kirk's School, Bryn Mawr, Pa. Frances Marion Simpson Scholar, 1925-27, and James E. Rhoads Sophomore Scholar and Alice Ferree Hayt Award, 1926-27, James E. Rhoads Junior Scholar, Frances Marion Simpson Scholar and Alice Ferree Hayt Memorial Award, 1927-28, Amelia Richards Memorial Scholar, Frances Marion Simpson Scholar and Alice Ferree Hayt Memorial Award, 1928-29.

YARNELLE, ALICE PORTER.....1928-29.
Fort Wayne, Ind. Prepared by Ferry Hall, Lake Forest, Illinois.

YERKES, CORDELIA.....*Hearer by Courtesy, 1927-29.*
Bryn Mawr, Pa.

YERKES, ROBERTA WATTERSON.....*Major, Economics, 1925-29.*
New Haven, Conn. Prepared by the Central High School, Washington, D. C.

YOUNG, ELIZABETH HORNER.....1928-29.
Pittsburgh, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.

YUNG-KWAI, MARINA.....1926-29.
Washington, D. C. Prepared by the Central High School, Washington. Junior Year in France.

ZALESKY, ELIZABETH GIBBS.....*Major, English, 1926-29.*
Norfolk, Va. Prepared by the Western High School, Washington, D. C.

ZEBEN, SADIE SYLVIA.....*Major, Latin, 1927-29.*
Philadelphia. Prepared by the High School for Girls, Philadelphia.

SUMMARY OF UNDERGRADUATE STUDENTS

	Total for the Year
Class of 1929.....	64
Class of 1930.....	98
Class of 1931.....	100
Class of 1932.....	131
Total.....	393



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BRYN MAWR COLLEGE

CALENDAR

GRADUATE COURSES

1929

BRYN MAWR, PENNSYLVANIA

CABLE ADDRESS: BRYNCOL

Published by Bryn Mawr College

Vol. XXII. Number 4. May, 1929.

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Pennsylvania, under Act of July 16th, 1894.*

BRYN MAWR COLLEGE CALENDAR

1929

- Number 1. Announcement of Carola Woerishoffer Department.
- Number 2. Undergraduate and Graduate Courses.
- Number 3. Undergraduate Courses.
- Number 4. Graduate Courses.
- Number 5. Academic Buildings and Halls of Residence,
Plans and Descriptions.

BRYN MAWR COLLEGE.

1929.	1930.		1931.	
JULY	JANUARY	JULY	JANUARY	JULY
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3 4	1 2 3 4 5	1 2 3	1 2 3 4
7 8 9 10 11 12 13	5 6 7 8 9 10 11	6 7 8 9 10 11 12	4 5 6 7 8 9 10	5 6 7 8 9 10 11
14 15 16 17 18 19 20	12 13 14 15 16 17 18	13 14 15 16 17 18 19	11 12 13 14 15 16 17	12 13 14 15 16 17 18
21 22 23 24 25 26 27	19 20 21 22 23 24 25	20 21 22 23 24 25 26	18 19 20 21 22 23 24	19 20 21 22 23 24 25
28 29 30 31	26 27 28 29 30 31	27 28 29 30 31	25 26 27 28 29 30 31	26 27 28 29 30 31
AUGUST	FEBRUARY	AUGUST	FEBRUARY	AUGUST
4 5 6 7 8 9 10	2 3 4 5 6 7 8	1 2	1 2 3 4 5 6 7	2 3 4 5 6 7 8
11 12 13 14 15 16 17	9 10 11 12 13 14 15	10 11 12 13 14 15 16	15 16 17 18 19 20 21	9 10 11 12 13 14 15
18 19 20 21 22 23 24	16 17 18 19 20 21 22	17 18 19 20 21 22 23	22 23 24 25 26 27 28	16 17 18 19 20 21 22
25 26 27 28 29 30 31	23 24 25 26 27 28	24 25 26 27 28 29 30 31	29 30 31	23 24 25 26 27 28 29 30 31
SEPTEMBER	MARCH	SEPTEMBER	MARCH	SEPTEMBER
1 2 3 4 5 6 7	2 3 4 5 6 7 8	1 2 3 4 5 6	1 2 3 4 5 6 7	1 2 3 4 5
8 9 10 11 12 13 14	9 10 11 12 13 14 15	14 15 16 17 18 19 20	8 9 10 11 12 13 14	6 7 8 9 10 11 12
15 16 17 18 19 20 21	16 17 18 19 20 21 22	21 22 23 24 25 26 27	15 16 17 18 19 20 21	13 14 15 16 17 18 19
22 23 24 25 26 27 28	23 24 25 26 27 28 29	28 29 30	22 23 24 25 26 27 28	20 21 22 23 24 25 26
29 30	30 31		29 30 31	27 28 29 30
OCTOBER	APRIL	OCTOBER	APRIL	OCTOBER
6 7 8 9 10 11 12	6 7 8 9 10 11 12	5 6 7 8 9 10 11	5 6 7 8 9 10 11	4 5 6 7 8 9 10
13 14 15 16 17 18 19	13 14 15 16 17 18 19	12 13 14 15 16 17 18	12 13 14 15 16 17 18	11 12 13 14 15 16 17
20 21 22 23 24 25 26	20 21 22 23 24 25 26	19 20 21 22 23 24 25	19 20 21 22 23 24 25	18 19 20 21 22 23 24
27 28 29 30 31	27 28 29 30	26 27 28 29 30 31	26 27 28 29 30	25 26 27 28 29 30 31
NOVEMBER	MAY	NOVEMBER	MAY	NOVEMBER
3 4 5 6 7 8 9	4 5 6 7 8 9 10	2 3 4 5 6 7 8	3 4 5 6 7 8 9	1 2 3 4 5 6 7
10 11 12 13 14 15 16	11 12 13 14 15 16 17	9 10 11 12 13 14 15	10 11 12 13 14 15 16	8 9 10 11 12 13 14
17 18 19 20 21 22 23	18 19 20 21 22 23 24	16 17 18 19 20 21 22	17 18 19 20 21 22 23	15 16 17 18 19 20 21
24 25 26 27 28 29 30	25 26 27 28 29 30 31	23 24 25 26 27 28 29 30	24 25 26 27 28 29 30 31	22 23 24 25 26 27 28
DECEMBER	JUNE	DECEMBER	JUNE	DECEMBER
1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5
8 9 10 11 12 13 14	8 9 10 11 12 13 14	7 8 9 10 11 12 13	7 8 9 10 11 12 13	6 7 8 9 10 11 12
15 16 17 18 19 20 21	15 16 17 18 19 20 21	14 15 16 17 18 19 20	14 15 16 17 18 19 20	13 14 15 16 17 18 19
22 23 24 25 26 27 28	22 23 24 25 26 27 28	21 22 23 24 25 26 27	21 22 23 24 25 26 27	20 21 22 23 24 25 26
29 30 31	29 30	28 29 30 31	28 29 30	27 28 29 30 31

The forty-fifth academic year will close with the conferring of Degrees at eleven o'clock, on June 4, 1930.

COLLEGE CALENDAR

1929-30

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 16
College Entrance Board Condition Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 25
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Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 5
Deferred and condition examinations end.....	October 5
Examinations for advanced standing end.....	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 12
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 20
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 23
Thanksgiving vacation begins at 12.45 P. M.....	November 27
Thanksgiving vacation ends at 9 A. M.....	December 2
Ph.D. Language examinations.....	December 7
Christmas vacation begins at 12.45 P. M.....	*December 20
Christmas vacation ends at 9 A. M.....	January 6
Last day of lectures.....	January 17
Half-yearly collegiate examinations begin.....	January 20
Ph.D. Language examinations.....	January 20
Collegiate examinations end.....	January 31
Annual meeting of the Alumnæ Association.....	February 1
Vacation.....	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 4
Mid-semester examination in Elementary Greek.....	March 18
Announcement of European Fellowships.....	March 21
Spring vacation begins at 12.45 P. M.....	*March 28
Spring vacation ends at 9 A. M.....	April 7
Deferred and condition examinations begin.....	April 8
Deferred and condition examinations end.....	April 12
Ph.D. Language examinations.....	April 12
Examinations in French for Juniors.....	May 3

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Examinations in German for Juniors.....	May 10
Last day of lectures.....	May 16
Collegiate examinations begin.....	May 19
Collegiate examinations end.....	May 31
Baccalaureate Sermon.....	June 1
Conferring of degrees and close of forty-fifth academic year.....	June 4

COLLEGE CALENDAR

1930-31

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 15
College Entrance Board Condition Examinations end.....	September 20
Halls of Residence open to the entering class at 3 P. M.....	September 24
Registration of Freshmen.....	September 25
Registration of students. Halls of Residence open to all students at 9 A. M.....	September 29
Examinations for advanced standing begin.....	September 29
Deferred and condition examinations begin.....	September 29
The work of the forty-sixth academic year begins at 8.45 A.M.....	September 30
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 4
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 4
Deferred and condition examinations end.....	October 4
Examinations for advanced standing end.....	October 4
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 11
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 11
Examination in French for M.A. Candidates, 8-9.30 P. M.....	November 19
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 22
Thanksgiving vacation begins at 12.45 P. M.....	November 26
Thanksgiving vacation ends at 9 A. M.....	December 1
Ph.D. Language examinations.....	December 6
Christmas vacation begins at 12.45 P. M.....	*December 19
Christmas vacation ends at 9 A. M.....	January 5
Last day of lectures.....	January 16
Half-yearly collegiate examinations begin.....	January 19
Ph.D. Language examinations.....	January 19
Collegiate examinations end.....	January 30
Annual meeting of the Alumnae Association.....	January 31
Vacation.....	February 2

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 3
Mid-semester examination in Elementary Greek.....	March 17
Announcement of European Fellowships.....	March 20
Spring vacation begins at 12.45 P. M.....	*March 27
Spring vacation ends at 9 A. M.....	April 6
Deferred and condition examinations begin.....	April 7
Deferred and condition examinations end.....	April 11

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict, students will be required to make up the work in the free hours.

Ph.D. Language examinations.....	April 11
Examinations in French for Juniors.....	May 2
Examinations in German for Juniors.....	May 9
Last day of lectures.....	May 15
Collegiate examinations begin.....	May 18
Collegiate examinations end.....	May 29
Baccalaureate Sermon.....	May 31
Conferring of degrees and close of forty-sixth academic year.....	June 3

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured, and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Comparative Philology and Linguistics	Philosophy
Greek	Psychology
Latin	Education
English	Classical Archæology
French	History of Art
Italian	Music
Spanish	Mathematics
German	Physics
Biblical Literature	Chemistry
History	Geology
Economics and Politics	Biology
Social Economy	

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CAROLINE MCCORMICK SLADE*
AGNES BROWN LEACH†
RUTH FURNESS PORTER‡
Alumnæ Director, 1924-29
FRANCES FINCKE HAND§
Alumnæ Director, 1925-30
MARY PEIRCE
Alumnæ Director, 1926-31
MARGARET REEVE CARY**
Alumnæ Director, 1927-32
ELIZABETH LEWIS OTEY***
Alumnæ Director, 1928-33

* Mrs. F. Louis Slade.

† Mrs. Henry Goddard Leach.

‡ Mrs. James Foster Porter.

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** Mrs. C. Reed Cary.

*** Mrs. Dexter Otey.

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OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1928-29

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING,* PH.D. Office: Taylor Hall.

Acting Dean

(Semester II)

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

President's Representative for Graduate Students

EUNICE MORGAN SCHENCK, PH.D. Office: Taylor Hall.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Assistant to the Dean

(Semester I)

MARGARET MILLICENT CAREY, PH.D. Office: Taylor Hall.

(Semester II)

MARY SUMMERFIELD GARDINER, PH.D. Office: Taylor Hall.

Wardens of the Halls of Residence

FRIEDRIKA MARGRETHA HEYL, A.B., Radnor Hall.

JOSEPHINE FISHER, A.B., Pembroke Hall (*Head*).

GRACE RHOADS, A.B., Pembroke Hall (*Assistant*).

JULIA WARD, A.B., Rockefeller Hall.

HELEN BOND CRANE, M.A., Denbigh Hall.

KATHARINE MARY PEEK, A.B., Merion Hall.

ESTHER LOWREY RHOADS, A.B., Wyndham.

* Granted leave of absence for the second semester of the year 1928-29.

Director of Halls

MARION MITCHELSON. Office: Rockefeller Hall.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Examining Oculist

HELEN MURPHY, M.D. Office: 1427 Spruce Street, Philadelphia.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1928-29

TEACHING

MARION EDWARDS PARK,* Ph.D., LL.D., *President of the College.*

A.B., Bryn Mawr College, 1898, M.A., 1899, and Ph.D., 1918. Holder of the Bryn Mawr European Fellowship, 1898-99, and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06, and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22.

M. CAREY THOMAS, Ph.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B., Cornell University, 1877; studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81; Ph.D., University of Zurich, 1882. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94; President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING,† Ph.D., *Dean of the College and Acting President-elect.*

A.B., Bryn Mawr College, 1915; M.A., Yale University, 1916, and Ph.D., 1924. Dean of Bryn Mawr College, 1917-19, and Acting President, 1919-20.

MARGARET MILLICENT CAREY, Ph.D., *Acting Dean of the College and Associate in English.*

A.B., Bryn Mawr College, 1920; Ph.D., Johns Hopkins University, 1926. Secretary in Y. W. C. A., Baltimore, 1920-21; Graduate Student, Newnham College, Cambridge University, 1921-22; and Johns Hopkins University, 1923-26. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-23.

EUNICE MORGAN SCHENCK, Ph.D., *Professor of French and President's Representative for Graduate Students and Dean-elect of the Graduate School.*

A.B., Bryn Mawr College, 1907, and Ph.D., 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10, and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble, and in Madrid, 1910-12; Dean of Bryn Mawr College, 1916-17.

WILMER CAVE WRIGHT,‡ Ph.D., *Professor of Greek.*

Shrewsbury, England. Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94, and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96.

JAMES H. LEUBA,* Ph.D., *Professor of Psychology.*

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

HENRY NEVILL SANDERS, Ph.D., *Alumnæ Professor of Greek.*

Edinburgh, Scotland. A.B., Trinity University, Toronto, 1894, and M.A., 1897; Ph.D., Johns Hopkins University, 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902.

WILLIAM BASHFORD HUFF, Ph.D., *Marion Reilly Professor of Physics and Holder of The Marion Reilly Grant.*

A.B., University of Wisconsin, 1889; M.A., University of Chicago, 1896; Ph.D., Johns Hopkins University, 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01, and Instructor in Physics, 1901-02.

WILLIAM ROY SMITH,* Ph.D., *Professor of History.*

A.B., University of Texas, 1897, and M.A., 1898; Ph.D., Columbia University, 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence for the second semester of the year 1928-29.

‡ On leave of absence for the year 1928-29.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnae Professor of English.*

A.B., Bryn Mawr College, 1893; University of Oxford, England, and University of Leipzig, 1893-94; Sorbonne and Collège de France and University of Leipzig, 1894-95.

DAVID HILT TENNENT, Ph.D., *Professor of Biology and Holder of the Constance Guyot Cameron Ludington Grant.*

B.S., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904, and 1912.

JAMES BARNES, Ph.D., *Professor of Physics.*

Halifax, Nova Scotia. B.A., Dalhousie University, Honours in Mathematics and Physics, 1899, and M.A., 1900; Ph.D., Johns Hopkins University, 1904. Holder of 1851 Exhibition Science Research Scholarship, 1900-03; Fellow, Johns Hopkins University, 1903-04, and Instructor in Physics, 1904-06; Research Fellow, University of Manchester, 1915.

THEODORE DE LEO DE LAGUNA, Ph.D., *Professor of Philosophy.*

A.B., University of California, 1896, and M.A., 1899; Ph.D., Cornell University, 1901; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.

MARION PARRIS SMITH, * Ph.D., *Professor of Economics and Politics.*

A.B., Bryn Mawr College, 1901, and Ph.D., 1908. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.

GRACE MEAD ANDRUS DE LAGUNA, Ph.D., *Associate Professor and Professor-elect of Philosophy.*

A.B., Cornell University, 1903, and Ph.D., 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08.

REGINA KATHARINE CRANDALL, Ph.D., *Margaret Kingsland Haskell Professor of English Composition.*

A.B., Smith College, 1890; Ph.D., University of Chicago, 1902. Graduate Student, University of Chicago, 1893-94, and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900.

SAMUEL CLAGGETT CHEW, * Ph.D., *Professor of English Literature.*

A.B., Johns Hopkins University, 1909, and Ph.D., 1913. Fellow, Johns Hopkins University, 1910-12; English Master, Hotchkiss School, Lakeville, Conn., 1913-14.

SUSAN MYRA KINGSBURY, * Ph.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B., College of the Pacific, 1890; M.A., Leland Stanford Jr. University, 1899; Ph.D., Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate, and Professor in Economics, Simmons College, and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art.*

A.B., Bryn Mawr College, 1896, and M.A., 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97, and Fellow in English, 1897-98; Collège de France, First Semester, 1898-99.

RHYS CARPENTER, † Ph.D., *Professor of Classical Archaeology.*

A.B., Columbia University, 1909, and Ph.D., 1916; B.A., University of Oxford, 1911, and M.A., 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies in Athens, 1912-13; Absent for Military Service, 1917-19.

CHARLES GHEQUIERE FENWICK, Ph.D., *Professor of Political Science.*

A.B., Loyola College, 1907; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.

HOWARD LEVI GRAY, Ph.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B., University of Rochester, 1897; A.B., Harvard University, 1898, M.A., 1900, and Ph.D., 1907. Instructor in History, Harvard University, 1909-13, and Assistant Professor of History, 1914-15. Absent for Government Service, 1918-19.

* Granted leave of absence for the year 1929-30.

† Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

JAMES LLEWELLYN CRENSHAW, * Ph.D., *Professor of Physical Chemistry*. A.B., Centre College, 1907, and M.A., 1908; Ph.D., Princeton University, 1911. Assistant Chemist in the Geo-Physical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15. Absent for Military Service, 1917-19.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction*. London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902.

CHARLES WENDELL DAVID, Ph.D., *Professor of European History*. A.B., University of Oxford, 1911; M.A., University of Wisconsin, 1912; Ph.D., Harvard University, 1918; Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18.

MARCELLE PARDE, *Agrégée des Lettres, Associate Professor of French*. Ecole Normale Supérieure de Sèvres, 1911-14. Teacher in the Lycée Chaumont, Haute Marne, 1915-19; Student in the Sorbonne, 1911-16; *Agrégée des lettres*, University of Paris, 1917.

FRANZ SCHRADER, Ph.D., *Associate Professor of Biology*. B.S., Columbia University, 1914, and Ph.D., 1919. Scientist for the Bureau of Fisheries, Department of Commerce, Washington, D. C., 1915-16, and summer of 1917; and Pathologist, 1919 to January 31, 1921. Assistant in Zoology, Columbia University, 1918-19.

MARY HAMILTON SWINDLER, Ph.D., *Associate Professor of Latin and Classical Archaeology*.

A.B., University of Indiana, 1905, and M.A., 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07, and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913.

SUSAN HELEN BALLOU, * Ph.D., *Associate Professor of Latin*.

Ph.B., University of Chicago, 1897; Ph.D., University of Giessen, 1912. Graduate Scholar in Latin, University of Chicago, 1897-98, Assistant in Latin, 1898-1900, and Associate in Latin, 1901-07; Traveling Fellow of the Association of Collegiate Alumnae at the American School of Classical Studies, Rome, 1901-02; Student of Paleography in Rome, 1903-04, and Carnegie Research Fellow in Latin Literature, American School of Classical Studies, Rome, 1905-06; Student, Universities of Göttingen and Giessen, 1910, 1911; Instructor in Latin, University of Chicago, 1907-15; in charge of Latin Department, Michigan Western State Normal School, 1915-17; Instructor in History, University of Wisconsin, 1917-20.

HORACE ALWYNE, F.R.M.C.M., *Professor of Music and Director of the Department of Theoretical Music*.

Manchester, England. Holder of Sir Charles Hallé Memorial Scholarship, 1909-12. Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin).

ROGER HEWES WELLS, Ph.D., *Associate Professor of Economics and Politics*.

A.B., Northwestern University, 1916; M.A., Harvard University, 1921, and Ph.D., 1923. Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Guggenheim Fellow in Germany, 1927-28.

DAVID VERNON WIDDER, Ph.D., *Associate Professor of Mathematics*.

A.B., Harvard University, 1920, M.A., 1923, and Ph.D., 1924. Instructor in Mathematics, Harvard University, 1921-23; National Research Fellow, University of Chicago, 1926-27.

JOSEPH E. GILLET, Ph.D., *Associate Professor and Professor-elect of Spanish*.

Ph.D., University of Liège, 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; absent for Military Service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Visiting Professor, Princeton University, 1925-29 (Semester II).

* On leave of absence for the year 1928-29.

HORNELL HART, PH.D., Associate Professor of Social Economy.

A.B., Oberlin College, 1910; M.A., University of Wisconsin, 1914; Ph.D., University of Iowa, 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21; Research Associate Professor in Sociology in the University of Iowa, and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24.

AGNES LOW ROGERS, PH.D., Professor of Education and Psychology.

M.A., St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D., Columbia University, 1917; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25.

MAX DIEZ, PH.D., Associate Professor of German Literature.

A.B., Washington University, 1909, and M.A., 1910. Ph.D., University of Texas, 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War Service, 1918-19; Professor of German, Centre College, 1921-25.

LOUIS FREDERICK FIESER, PH.D., Associate Professor of Chemistry.

A.B., Williams College, 1920; M.A., Harvard University, 1921, and Ph.D., 1924; Assistant in Chemistry, Harvard University, 1921-22; Harris Fellow in Chemistry, 1922-23; and Sheldon Travelling Fellow, and student, Universities of Frankfurt and Oxford, 1924-25.

HENRY JOEL CADBURY, PH.D., Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.

A.B., Haverford College, 1903; M.A., Harvard University, 1904, and Ph.D., 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26.

ERNST DIEZ,* PH.D., Associate Professor of the History of Art.

Vienna, Austria. Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919, and Associate Professor, 1924-26.

LILY ROSS TAYLOR, PH.D., Professor of Latin.

A.B., University of Wisconsin, 1906; Ph.D., Bryn Mawr College, 1912. Graduate Scholar in Latin, 1906-07, and Fellow in Latin, 1907-08; Reader and Demonstrator in Archaeology, Bryn Mawr College, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20. Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25, and Professor, 1925-27.

GRACE FRANK, A.B., Non-resident Associate Professor of Romance Philology.

A.B., University of Chicago, 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19.

MARGARET GILMAN, PH.D., Associate in French.

A.B., Bryn Mawr College, 1919, M.A., 1920, and Ph.D., 1924. Graduate Scholar in French, 1919-20, and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres, and Student, University of Paris, 1922-23.

CHARLES SPARLING EVANS, PH.D., Associate in Geology.

B.A.Sc., University of British Columbia, 1924; Ph.D., Princeton University, 1927. Graduate Student, Princeton University, 1924-26, and Fellow in Geology, 1926-27.

VITO G. TOGLIA, M.A., Associate in Italian.

A.B., Harvard University, 1912, and M.A., Columbia University, 1921. Teacher of Latin, Ancient History and Italian in secondary schools, New York City, 1912-20; Graduate Student and Instructor in Italian, Columbia University, 1920-27.

RUTH GEORGE, A.B., Associate in English.

A.B., Cornell University, 1911. Assistant Reader in English, Bryn Mawr College, 1911-12; Teacher in the District School, Scottsdale, Ariz., 1912-14; at Miss Madeira's School, Washington, D. C., 1915-19; at Miss Ransom and Miss Bridges' School, Piedmont, California, 1919-21, 1923-24, and 1925-27; at the Shipley School, Bryn Mawr, 1924-25.

* Granted leave of absence for the second semester of the year 1929-30.

PRENTICE DUELL, * M.Arch., *Lecturer and Associate Professor-elect of Archaeology.*

A.B., University of California, 1916; M.Arch., Harvard University, 1923. Absent for Military Service, 1917-19; Student, University of Pennsylvania, School of Architecture, 1919-20; Instructor in Architectural History, University of Illinois, 1921-22; Charles Eliot Norton Fellow from Harvard University, American School of Classical Studies in Athens, 1923-25; Assistant Professor of History of Architecture, University of Cincinnati, 1925-26, and Professor of History of Architecture, 1926-27.

ILSE FOREST, Ph.D., *Associate Professor of Education.*

B.S., Teachers College, Columbia University, 1922; M.A., 1923; Ph.D., Columbia University, 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27.

STEPHEN JOSEPH HERBEN, Ph.D., *Associate Professor of English.*

B.Litt., Rutgers University, 1920; M.A., Princeton University, 1921, and Ph.D., 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28.

FRITZ MEZGER, Ph.D., *Associate Professor of Germanic Philology.*

Ph.D., University of Berlin, 1921. Studied at the University of Tübingen, 1911-12; University of Munich, 1912-13; University of Geneva, 1913; University of Paris, 1913-14; University of Munich, 1919; University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28.

ELEANOR GRACE CLARK, Ph.D., *Associate in English.*

A.B., Oberlin College, 1918, and M.A., 1918; Ph.D., Bryn Mawr College, 1928. Teacher of English, St. Helen's Hall, Portland, Ore., 1918-20, and the Friends School, Moorestown, N. J., 1922-23; Graduate Student, Bryn Mawr College, 1921-24; Reader in English, 1923-24; Student, University of London, and Helene and Cecil Rubel Foundation Fellow, 1924-25. Reader in English, Bryn Mawr College, 1925-26, and Instructor, 1926-27. Graduate Scholar in English, 1927-28.

THOMAS ROBERT SHANNON BROUGHTON, Ph.D., *Associate in Latin.*

A.B., University of Toronto, 1921, and M.A., 1922; Ph.D., Johns Hopkins University, 1928. Student, University of Chicago, spring 1922, and 1923, and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27.

MARLAND PRATT BILLINGS, Ph.D., *Associate and Associate Professor-elect of Geology.*

A.B., Harvard University, 1923; M.A., 1925; and Ph.D., 1927. Assistant in Geology, Harvard University, 1922-25, and Instructor in Geology, 1925-28.

JEAN M. F. CANU, *Agrégé de l'Université, Associate Professor of French.*

Paris, France. *Licencié-ès-lettres*, 1917, and *Agrégé de l'Université*, University of Paris, 1920. Professor, the Lycée of Algiers, 1920-21, the Lycée of Beauvais, 1921-23, the Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28.

HARRY HELSON, Ph.D., *Associate Professor of Experimental Psychology.*

A.B., Bowdoin College, 1921; M.A., Harvard University, 1922, and Ph.D., 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28.

ELEANOR LANSING DULES, Ph.D., *Associate in Social Economy and Social Research.*

A.B., Bryn Mawr College, 1917, and M.A., 1920; Ph.D., Radcliffe College, 1926. Relief Worker in Paris, 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gembly, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22, and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28.

DOROTHEA EGLESTON SMITH, Ph.D., *Lecturer and Associate-elect in Physiology and Biochemistry.*

A.B., Radcliffe College, 1913; M.A., 1924; and Ph.D., 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27.

* Granted leave of absence for the year 1929-30 to hold Guggenheim Fellowship in Italy.

ERNEST WILLOUGHBY, A.R.C.M., *Instructor and Associate-elect in Music*. Hereford, England. A.R.C.M., London, 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society, and Hereford Musical Festival.

MARGUERITE LEHR, Ph.D., *Instructor and Associate-elect in Mathematics*. A.B., Goucher College, 1919; Ph.D., Bryn Mawr College, 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22; Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow, and Student, University of Rome, 1923-24.

MARY SUMMERFIELD GARDINER, Ph.D., *Instructor in Biology and Assistant to the Dean and Associate-elect in Biology*.

A.B., Bryn Mawr College, 1918, M.A., 1924 and Ph.D., 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24, and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1921-24 and 1925-27; Graduate Student, University College, London, 1924-25.

ROBERT ELSON TURNER, M.A., D.U.P., *Associate-elect in French*.

A.B., University of Washington, 1923, and M.A., 1924; D.U.P., University of Paris, 1926. Teaching Fellow, University of Washington, 1923-24, and Instructor, University of Pennsylvania, 1926-29.

RALPH STEWART, Ph.D., *Associate-elect in Geology*.

A.B., University of Washington, 1923; Ph.D., Johns Hopkins University, 1928. Graduate Student, University of California, 1923-25; Research Worker, Academy of Natural Sciences, Philadelphia, 1925-26 and Semester II, 1928-29; Student Assistant and Graduate Student, Johns Hopkins University, 1926-28.

ENID GLEN, Ph.D., *Associate-elect in English*.

A.B., University of Manchester, 1923; University Teachers' Diploma, 1924, and Ph.D., 1926. Graduate Scholar in English, University of Manchester, 1923-24, and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29.

CAMILLO P. MERLINO, Ph.D., *Associate-elect in Italian*.

Ph.D., Harvard University. Instructor in the Romance Language Department, University of California, 1928-29.

MADELEINE SOUBEIRAN, *Agrégée de l'Université, Associate-elect in French*.

École Normale Supérieure de Sévres, 1924-27. Agrégée de l'Université, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29.

BEVERIDGE JAMES MAIR, Ph.D., *Lecturer in Chemistry*.

A.B., University of Alberta, 1924; Ph.D., Harvard University, 1928. Part-time Student and part-time Assistant in Chemistry, Harvard University, 1924-28.

NATALIE GIFFORD, Ph.D., *Lecturer in Greek*.

A.B., Radcliffe College, 1918; M.A., 1927, and Ph.D., 1928. Teacher in public schools, 1918-20; Student in the School of Education, Harvard University, 1920-21; Teacher in the High School, Wayland, Massachusetts, 1921-22 and 1923-24; Charles Eliot Norton Fellow, American School at Athens, 1922-23; Instructor in Greek, Smith College, 1924-26; Student, Radcliffe College, 1926-28.

LOUISE ADAMS HOLLAND, Ph.D., *Lecturer in Latin*.

A.B., Barnard College, 1914; M.A., 1915; Ph.D., Bryn Mawr College, 1920. Instructor in Latin, Smith College, 1918-21, and Assistant Professor of Latin, 1921-24, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27.

KATHARINE GARVIN, M.A., *Instructor and Lecturer-elect in English*.

A.B., Oxford University, 1926, and M.A., University of Michigan, 1927. Riggs Fellow, the University of Michigan, 1926-27.

EDWARD STAUFFER KING, M.F.A., *Lecturer-elect in the History of Art, Semester II*.

A.B., Princeton University, 1923, and M.F.A., 1928. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25, and Instructor in the History of Art, 1925-26. Graduate Student, Princeton University, 1926-28. Holder of a Guggenheim Fellowship and student in France, 1928-29.

CLARENCE LEUBA, M.A., *Lecturer-elect in Psychology.*

A.B., Haverford College, 1919; M.A., Harvard University, 1920; Ph.D., Syracuse University (to be conferred), June, 1929. Member of the Friends Relief Committee in Germany, 1921-22; Graduate Student, Harvard University, 1922-23; in business, 1923-27; Instructor in Psychology, Syracuse University, 1928-29.

CHARLES H. MORGAN, PH.D., *Lecturer-elect in Archæology.*

A.B., Harvard University, 1924, M.A., 1926, and Ph.D., 1928. Tutor and Assistant in Fine Arts, Harvard University, 1924 to January, 1927; Holder of the John Harvard Fellowship (studying abroad), Semester II, 1926-27; Student, the American School of Classical Studies at Athens, 1928-29.

JULIAN SMITH DUNCAN, M.A., *Lecturer-elect in Economics and Politics.*

A.B. and M.A., University of Mississippi; B.S., Emory University. Graduate Student in Economics, Columbia University, and Part-time Instructor, Columbia University and the American Institute of Banking, Semester I, 1928-29; Instructor, Hunter College, Semester II, 1928-29.

BARRETT H. CLARK, *Non-resident Lecturer in English.*

Student, University of Chicago, 1908-09 and 1911-12, and University of Paris, 1910. Actor and Assistant Stage Manager with Mrs. Fiske, 1912-13; Instructor in Drama, Chautauqua, New York, 1909-17; Literary Editor for Samuel French and Dramatic Editor of *Drama Magazine*.

ANNA JOHNSON PELL-WHEELER, PH.D., *Non-resident Lecturer in Mathematics.*

A.B., University of South Dakota, 1903; M.S., University of Iowa, 1904; M.A., Radcliffe College, 1905; Ph.D., University of Chicago, 1910; Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14, and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics, Bryn Mawr College, 1918-25 and Professor of Mathematics, 1925-27.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B., Oberlin College, 1912; M.A., University of Chicago, 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D.C., 1918-19; Director, Department of Research and Investigation, Women's Cooperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925-28.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B., Bryn Mawr College, 1898, and M.A., 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99, and 1904-06, and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College, and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B., Radcliffe College, 1914; M.A., University of California, 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19, and Graduate Student, 1916-17.

ABBY KIRK, A.B., *Instructor in Elementary Greek.*

A.B., Bryn Mawr College, 1892. Reader in English, Bryn Mawr College, 1892-98; Associate Principal and Teacher of English and Classics, the Misses Kirk's School, Bryn Mawr, 1899—.

SALLY HUGHES SCHRADER, PH.D., *Instructor in Biology, Semester I.*

Pacific University, 1913-15; B.S., Grinnell College, 1917; Ph.D., Columbia University, 1924; Instructor in Zoology, Grinnell College, 1918-19, and Lecturer in Zoology, Barnard College, 1920-21.

MARTHA MEYSENBURG DIEZ, M.A., *Instructor in German.*

A.B., University of Texas, 1918; M.A., Bryn Mawr College, 1928.

HORTENSE FLEXNER KING, M.A., *Instructor in English.*

A.B., University of Michigan, 1907; M.A., 1910.

MARGARET STORRS, A.B., *Instructor in English.*

A.B., Smith College, 1922. Reader in Philosophy and Psychology and Graduate Student, Bryn Mawr College, 1922-23, and Graduate Scholar in Philosophy, 1923-24; Graduate Student, University College, London, 1924-25; Non-resident Fellow in Philosophy, Bryn Mawr College, 1925-26, and Fellow by Courtesy, 1926-27.

MIRIAM GRUBB BROWN, A.B., *Instructor in Italian.*

A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27.

CECELIA IRENE BAECHELE, M.A., *Instructor in Education.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher in the Seiler School, Harrisburg, Pa., 1914, in the High School, York, Pa., 1914-19, and in the Thorne School, 1919—.

MARGARET DENT DAUDON, A.B., *Instructor in French.*

A.B., Bryn Mawr College, 1920.

RUTH J. HOFRICHTER, Ph.D., *Instructor in German.*

Ph.D., University of Heidelberg, 1921. Head of Modern Language Department, Midland College, Nebraska, 1922-25; Assistant in the German Department, University of Nebraska, 1927.

LETITIA J. H. GRIERSON, M.A., *Instructor in English.*

B.A., University of Edinburgh, 1923 and M.A., 1924. Graduate Student, University of Cambridge, 1924-26. Assistant in the English Department, Edinburgh University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28.

EDITH FINCH, M.A., *Instructor in English.*

A.B., Bryn Mawr College, 1922. B.A., Oxford University, 1924, and M.A., 1928. Reader in English, Bryn Mawr College, 1924-25; Student in Paris with Professor Lucien Foulet, 1925-26; Graduate Student, Bryn Mawr College, 1926-27.

MARIE H. SCHNIEDERS, A.B., *Instructor in German.*

A.B., Barnard College, 1927. Teacher, New York City High School, 1927-28.

CHARLOTTE FINKENTHAL, A.B., *Instructor in German.*

A.B., Western Reserve University, 1925. Instructor in German and French, Cleveland High School, 1925-28.

FRANCES MARGUERITE CLARKE, Ph.D., *Instructor and Research Assistant-elect in Education.*

A.B., Barnard College, 1924; M.A., Columbia University, 1925, and Ph.D., 1928. Graduate Student, Columbia University, 1924-25; Instructor, Bradford Academy and Junior College, 1925-26; Research Student, British Museum and Public Record Office of London, 1926, 1927; Graduate Student, Columbia University, 1926-28; Assistant in History of Education, Teachers College, 1926-28, and Instructor in History and Principles of Education, Montessori Normal School, Child Education Foundation Training School, New York, 1927-28.

HENRY HOWES PIXLEY, M.A., S.M., *Instructor in Mathematics.*

A.B., Stetson University, 1923, and M.A., 1924; S.M., University of Chicago, 1927. Instructor in Mathematics, Georgia School of Technology, 1924-26; Instructor in Mathematics, Rutgers University, 1927-28.

IVY CAROLINE ROBBINS, Ph.D., *Instructor in History, Semester II.*

B.A., University of London, 1924; Ph.D., 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28.

MYRA RICHARDS JESSEN, A.B., *Instructor-elect in German.*

A.B., Bryn Mawr College, 1915. Graduate Student, Bryn Mawr College, 1919-20, 1922-24; Teacher, Friends' Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College, 1923-28. Anna Otten-dorfer Memorial Research Fellow, 1928-29.

EDITH FISHTINE, A.B., *Instructor-elect in Spanish and French.*

A.B., Boston University, 1925. Student, University of Paris, 1925-26; Teacher of Spanish, Donald McKay Junior High School, Boston, and Cambridge Haskell School, 1926-27, and Graduate Student, Radcliffe College, Semester II, 1926-27; Instructor in Spanish and Graduate Student, Bryn Mawr College, 1927-28; Fellow in Spanish, 1928-29.

ROSE LUCILE ANDERSON, A.B., *Instructor-elect in Mathematics.*

A.B., Mount Holyoke College, 1922. Graduate Scholar in Mathematics, Bryn Mawr College, 1922-23, Fellow in Mathematics, 1923-24, and Fellow by Courtesy, 1924-25. Holder of the Mary E. Garrett European Fellowship and Student, University of Cambridge, 1925-26. Instructor in Mathematics, University of Rochester, 1927-28; Instructor in Mathematics, Hunter College, 1928-29.

LILIAN RUTH DAVIDSON, M.A., *Instructor-elect in German.*

A.B., Hunter College, 1928; M.A., New York University (to be conferred), 1929.

ELEANOR ALICE ROSSBACH, M.A., *Assistant-elect in German*.
A.B., Ohio State University, 1926, and M.A., 1928. Associate in German, Ohio State University, 1928-29.

JANET SEELEY, A.B., *Reader in Psychology*.
A.B., Bryn Mawr College, 1927.

MAUDE M. FRAME, A.B., *Reader in Philosophy*.
A.B., University of Pennsylvania, 1927.

MARGARETTA MATHILDA SALINGER, A.B., *Reader in History of Art*.
A.B., Bryn Mawr College, 1928.

ELENOR MORRIS, A.B., *Reader-elect in History of Art*.
A.B., Bryn Mawr College, 1927.

ELEANOR LOWENSTEIN, *Reader-elect in Psychology*.
A.B., Cornell University (to be conferred) June, 1929.

CHARLOTTE EDNA WEBSTER, M.A., *Demonstrator in Geology*.
A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar in Geology and Assistant in Geology, Oberlin College, 1926-28.

JANE FRANCES FAISSLER, A.B., *Demonstrator in Psychology*.
A.B., University of Illinois, 1926. Scholar in Psychology, Bryn Mawr College, 1926-27, and Fellow in Psychology, 1927-28.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication*.
A.B., Bryn Mawr College, 1905.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College*.
A.B., University of Toronto, 1912; B.Sc., Simmons College, 1917.

DOROTHY MACDONALD, A.B., *Assistant to the President*.
A.B., Bryn Mawr College, 1917.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian*.
A.B., University of Illinois, 1909; B.L.S., New York State Library School, 1904. Librarian, The Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12.

MARY LOUISE TERRIEN, A.B., *Circulation and Reference Librarian*.
A.B., Smith College, 1905. Simmons College Library School, Boston, Mass., 1914-15.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer*.
A.B., Radcliffe College, 1905; B.S., Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28.

MAE EDNA LITZENBERGER, A.B., B.S., *Assistant Cataloguer*.
A.B., Mount Holyoke College, 1924; B.S., Simmons College, 1925.

MAUDE LOIS HASKELL, A.B., B.S., *Assistant Cataloguer*.
A.B., Mount Union College, 1927; B.S. in L.S., School of Library Science, Western Reserve University, 1928.

EDITH ARMSTRONG WRIGHT, A.B., B.S., *Assistant to the Circulation and Reference Librarian*.
A.B., Mount Holyoke College, 1927, B.S. in L.S., Drexel Institute, 1928.

HALLS OF RESIDENCE

FRIEDRIKA MARGRETHE HEYL, A.B., *Warden of Radnor Hall*.
A.B., Bryn Mawr College, 1899. Teacher of German and Student, State Normal School, Fredonia, N. Y., 1899-1900; Teacher, the Balliol School, Utica, N. Y., 1900-01, and Secretary, 1901-08; Warden of Merion Hall, Bryn Mawr College, 1908-10; Assistant to the Dean of Women, Michigan Agricultural College, 1916-18; Secretary to the Adviser of Women, Cornell University, 1918-20.

JOSEPHINE McCULLOCH FISHER, A.B., *Head Warden of Pembroke Hall*.
A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27.

KATHERINE MARY PEEK, A.B., *Warden of Merion Hall.*

A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27.

ESTHER LOWREY RHOADS, A.B., *Warden of Wyndham.*

A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager of the *Alumnae Bulletin* and Graduate Student, Bryn Mawr College, 1924-26. Student in Paris, 1926-27.

HELEN BOND CRANE, M.A., *Warden of Denbigh Hall.*

A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Student, National School of the Young Woman's Christian Association, New York City, 1912; Secretary, Y. W. C. A., Foochow, China, 1913-16; Associate Educational Secretary, Student Volunteer Movement, 1919-24; Research and Editorial Worker, 1926-28.

JULIA WARD, A.B., *Warden of Rockefeller Hall.*

A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27. Warden of East House, 1924-25; of Rockefeller Hall, 1925-27. Holder of Fanny Bullock Workman European Fellowship, 1927-28.

GRACE EVANS RHOADS, A.B., *Assistant Warden of Pembroke Hall.*

A.B., Bryn Mawr College, 1922. Teacher of English, Wilmington Friends' School, Wilmington, Del., 1926-27. Graduate Student in Education, Columbia Teachers' College, summer, 1925, and at the University of Geneva (Institute of Higher International Studies), Geneva, 1927-28.

KATHARINE ELISE MCBRIDE, M.A., *Warden-elect of Wyndham.*

A.B., Bryn Mawr College, 1925 and M.A., 1927. Reader in Psychology, Semester I, and Demonstrator in Educational Psychology, Semester II, 1925-27. Graduate Student in Psychology, Columbia University, 1928-29.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident-elect of Radnor Hall.*

A.B., Bryn Mawr College, 1920, and M.A., 1921.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; and Columbia University, summer, 1928.

JANET SEELEY, A.B., *Instructor in Physical Education.*

A. B., Bryn Mawr College, 1927.

HEALTH DEPARTMENT

HELEN TAFT MANNING,* Ph.D., *Head of Health Department, Semester I.***MARGARET MILLICENT CAREY, Ph.D., *Head of Health Department, Semester II.*****MARION EDWARDS PARK, Ph.D., *Ex-officio.*****THOMAS F. BRANSON, M.D., *Physician-in-Chief.***

A.B., Haverford College, 1889; M.D., University of Pennsylvania, 1892. Attending Physician, Bryn Mawr Hospital.

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B., Bryn Mawr College, 1918; M.D., University of Pennsylvania, 1922. Interne, Philadelphia General Hospital, 1920-24.

* Granted leave of absence for the second semester of the year 1928-29.

JOSEPHINE PETTS, *Director of Physical Education.*

HELEN MURPHY, M.D., *Examining Oculist.*

M.D., Woman's Medical College of Pennsylvania, 1893. Assistant Demonstrator in Histology, Woman's Medical College of Pennsylvania, 1894-96; Instructor in Materia Medica, 1896-1902; Instructor in Diseases of the Eye, Philadelphia Polyclinic and College for Graduates in Medicine, 1895-97.

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

MARION MITCHELSON, *Director of Halls.*

Hall Manager, Pembroke Hall, Bryn Mawr College, 1923-28.

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

PHEBE ANNA THORNE SCHOOL

1928-29

AGNES LOW ROGERS, PH.D., *Director.*

M.A., St. Andrews University, Scotland, 1908; Ph.D., Columbia University, 1917. Graduate in Honours, Moral Science Tripos, University of Cambridge, 1911; Marion Kennedy Student and Research Scholar, Columbia University, 1914-15; Research Fellow and Assistant in Philosophy of Education, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25. Professor of Education and Psychology, Bryn Mawr College.

FRANCES BROWNE, A.B., *Head Mistress.*

A.B., Bryn Mawr College, 1909. Teacher, Organic School for Education, Fairhope, Ala., 1913-14; Phebe Anna Thorne School, 1914-15, City and Country School, New York City, 1915-19, Primary School, Cleveland, O., 1921-22, and Head of the Frances Browne School, New York City, 1922-23.

CECELIA IRENE BAECHELE, M.A., *Assistant Head Mistress and Head of the English Department.*

A.B., Bryn Mawr College, 1913, and M.A., 1920. Graduate Scholar in Education, Bryn Mawr College, 1919-20, 1922-23, and Fellow in Education, 1920-21; President M. Carey Thomas European Fellow and Student, University of London, 1921-22. Teacher, the Seiler School, Harrisburg, Pa., 1914, and the High School, York, Pa., 1914-19.

MARY KATHARINE WOODWORTH, M.A., *Assistant Teacher of English.*

A.B., Bryn Mawr College, 1924, and M.A., 1927. Student, Johns Hopkins University, and Teacher of English, Bryn Mawr School, Baltimore, 1924-25. Graduate Student in English, Bryn Mawr College, 1925-29.

CHEVES WEST PERKY, PH.D., *Teacher of Painting, Drawing, Modeling and Crafts.*

B.S., Teachers College, New York City, 1901. Teacher, the Horace Mann School, 1901-02; Teacher, St. Agnes' School, Albany, N. Y., 1902-04; Student, Cornell University, 1904-08, and Ph.D., 1918; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25.

ANNIE BRAME, M.A., *Teacher of Mathematics and Physics.*

A.B., Randolph-Macon Woman's College, 1914. M.A., Columbia University, 1925. Student, University of Virginia, summers 1916, 1920; Columbia University, summer 1923; winter 1924-25. Teacher, the High School, Camden, Ark., 1914-18; High School, Texarkana, Ark., 1918-19; High School, Lexington, Va., 1919-24; High School, Succasunna, N. J., 1925-26.

CHARLOTTE ERWIN RENSHAW, *Teacher in Primary Department.*

Kindergarten and Primary Certificate, Wheelock Training School, Boston, Mass., 1925.

MARGARET R. REINHOLD, A.B., *Assistant Teacher of Arithmetic.*

A.B., Sweet Briar College, 1926. Student, University of Pennsylvania, summer, 1926. Graduate Student, Bryn Mawr College, 1927-29.

PAULINE S. RELYEA, A.B., *Teacher of History.*

A.B., Smith College, 1924. Teacher, the Easthampton High School, Easthampton, Mass., 1924-26; Reader in American History, Smith College, 1925-26; Teacher, the Rome Senior High School, Rome, N. Y., 1926-27. Graduate Student, Bryn Mawr College, 1927-29.

SAMUEL ARTHUR KING, M.A., *Teacher of Reading.*

London, England. M.A., University of London, 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College.

HENRIETTA WAGNER HORTER, *Teacher of Music.*

Teacher of Music and Assistant Director, Leschetizky School of Music, Philadelphia, 1921-25.

EVE ALGER BRILL, B.S., *Teacher of the Pre-School Class.*

B.S., Teachers College, Columbia University, 1928. Student, Ursinus College, 1922-24; Pennsylvania School of Social and Health work, 1925-27; Teachers College, Nursery School Department, Columbia University, 1927-28. Case Worker, Family Society of Philadelphia, 1925-27. Graduate Student, Bryn Mawr College, 1928-29.

EVALYN M. PAXSON, A.B., Assistant Teacher of Class I.

A.B., Vassar College, 1924; Graduate Student, University of Pennsylvania, summer of 1924. Teacher of Third Grade, Germantown Friends' School, 1924-26, and of Fourth Grade, 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

JEANNE MARIE LOUISE CHARLES, Baccalauréat, Teacher of French.

Baccalauréat Latin—Langues Vivantes, Sorbonne, 1922, and Philosophie, 1924; Brevet d'enseignement de l'Académie de Paris, 1918; Ecole de Droit, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

MARGARET DENT DAUDON, A.B., Teacher of French.

A.B., Bryn Mawr College, 1920.

DOROTHY ELLENE ILLSLEY, Primary Teacher.

Student, Provincial Normal College, Truro, Nova Scotia, 1917, North Sydney School, Nova Scotia, 1918-23, and Port Williams School, Nova Scotia, 1925-27. Graduate Student in Primary Education, Columbia University, summer, 1928.

GERTRUDE E. MALZ, Ph.D., Teacher of Latin.

A.B., Swarthmore College, 1923; M.A., University of Wisconsin, 1924, and Ph.D., 1928; Assistant in Latin, University of Wisconsin, 1924-25; Instructor in Latin, University of Cincinnati, 1925-26; Fellow in Greek, University of Wisconsin, 1926-28. Graduate Student, Bryn Mawr College, 1928-29.

LILY DALLAN TOWNSEND, Teacher of Geography.

Student, Hollins College, Va., 1906; Teacher of Dramatics and Physical Education, Miss Ellet's School (now St. Catherine's School), Richmond, Va., 1906-10; Teacher of English and Fourth Grade, Springside School, Chestnut Hill, Pa., 1918-21; Director of the Garden Country Day School, Long Island, N. Y., 1923-25.

DORIS WULFF, A.B., Teacher of Eurhythmics.

A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute, Geneva, Switzerland, 1928. Graduate Student, Bryn Mawr College, 1928-29.

JOSEPHINE TOWNSEND MILLER, Teacher of the Connecting Class.

Primary Assistant and Office Assistant, The Phebe Anna Thorne School, 1924-25, 1926-28.

MARGARETTA C. FRETZ, Teacher in the Primary School.

Graduate, Miss Wheelock's Training School, Boston, 1925; Student, London County Council School and University of London, 1927-28. Teacher of History, Miss Wheelock's Training School, 1925-27. Teacher of work in the primary grades, Miss Wheelock's Training School, 1925-26.

RUTH M. COLLINS, A.B., Apprentice Teacher in English.

A.B., Mills College, 1927. Graduate Student, University of California, 1927-28. Graduate Student, Bryn Mawr College, 1928-29.

JOSEPHINE PETTS, Teacher of Gymnastics and Sports and Games.

Graduate of Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Central School of Hygiene and Physical Education, New York, 1919-22; Teachers College, Columbia University, 1922-28.

JANET SEELEY, A.B., Gymnasium Assistant.

A.B., Bryn Mawr College, 1927.

MARNA V. BRADY, M.A., Gymnasium Assistant.

B.S., University of Cincinnati, 1925; M.A., Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27; Columbia University, summer, 1928.

JOHN MCK. MITCHELL, M.D., Physician of the Thorne School.

B.A., Trinity, 1920. M.D., Yale University, 1924. Instructor in Pediatrics, Yale University School of Medicine and Resident in Pediatrics, New Haven Hospital, 1925-26. Instructor in Pediatrics, University of Pennsylvania School of Medicine, 1927—. Assistant Visiting Pediatrician, University of Pennsylvania Hospital, 1927—.

E. LOUISE HAMILTON, Ph.D., Assistant Director of the Educational Clinic.

B.S., Cincinnati College for Women, 1925; M.A., Columbia University, 1926 and Ph.D., 1928. Graduate Student, Columbia University, 1925-28; and Assistant in Psychology, 1926-27. Clinical Psychologist, N. Y. Post-Graduate Hospital, 1927-28.

HELEN MAITLAND WEBB, Secretary of the Thorne School.

Registrar, Northwood School, Lake Placid Club, N. Y., 1926-28.

DOROTHY E. LUTZ, Assistant in the Offices of the Thorne School.

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1929-30

Faculty Representatives on the Board of Directors

PROFESSOR GRAY
PROFESSOR G. G. KING*
PROFESSOR DONNELLY

Committee on Appointments

PROFESSOR CRENSHAW
PROFESSOR T. DE LAGUNA*
PROFESSOR TENNENT
PROFESSOR SCHENCK
PROFESSOR TAYLOR

Committee on Nominations

PROFESSOR HART
PROFESSOR CRANDALL
PROFESSOR TENNENT

Committee on Curriculum

PRESIDENT PARK, *Chairman*
PROFESSOR DONNELLY
PROFESSOR WIDDER
PROFESSOR HUFF
PROFESSOR G. DE LAGUNA
PROFESSOR WELLS
PROFESSOR SWINDLER

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR DULLES
PROFESSOR FIESER
PROFESSOR GILLET

Committee on Libraries

PROFESSOR TENNENT
PROFESSOR CADBURY
PROFESSOR WHITE

Committee on Laboratories

PROFESSOR TENNENT
PROFESSOR BILLINGS
PROFESSOR HELSON

Committee on Schedules

ACTING DEAN CAREY, *Chairman*
PROFESSOR HART
PROFESSOR BARNES
PROFESSOR BALLOU

Committee on Entrance

Examinations

PRESIDENT PARK†
ACTING PRESIDENT MANNING
Chairman
MISS GAVILLER, *ex-officio*
PROFESSOR ROGERS
PROFESSOR TAYLOR
PROFESSOR M. DIEZ
PROFESSOR SCHRADER
PROFESSOR DAVID

Committees on Language Examinations

French—

DR. GILMAN
PROFESSOR HERBEN
DR. DULLES

German—

PROFESSOR M. DIEZ
PROFESSOR E. DIEZ
DR. BROUGHTON

Committee on Housing

PROFESSOR SWINDLER
PROFESSOR BARNES
PROFESSOR G. G. KING

* Substitute for Professor Chew.

† Granted leave of absence for the year 1929-30.

STANDING COMMITTEES OF THE ACADEMIC COUNCIL

1929-30

*Committee on Graduate
Students*

PRESIDENT PARK*
 ACTING PRESIDENT MANNING
Chairman
 DEAN SCHENCK, *ex-officio*
 PROFESSOR G. DE LAGUNA
 PROFESSOR WIDDER
 PROFESSOR SCHRADER

*Committee on Graduate
Courses*

PRESIDENT PARK*
 ACTING PRESIDENT MANNING
Chairman
 PROFESSOR DONNELLY
 PROFESSOR CADBURY
 PROFESSOR CRENSHAW

Committee on Learned Publications

PRESIDENT PARK*
 ACTING PRESIDENT MANNING, *Chairman*
 PROFESSOR GRAY
 PROFESSOR TENNENT
 PROFESSOR SWINDLER

STANDING COMMITTEES OF THE SENATE

1928-29

Executive Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING,† *ex-officio*
 PROFESSOR W. R. SMITH
Secretary ex-officio
 PROFESSOR BARNES‡
 PROFESSOR M. P. SMITH
 PROFESSOR SCHENCK

Judicial Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING,† *ex-officio*
 PROFESSOR SCHENCK
 PROFESSOR FENWICK
 PROFESSOR HUFF

* Granted leave of absence for the year 1929-30.

† Acting Dean Carey substitute for Dean Manning, Semester II.

‡ Substitute for Professor Crenshaw.

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live, and will at any time be glad to answer questions about the college.

CALIFORNIA:

SAN FRANCISCO: MRS. COLIS MITCHUM, *100 Locust Street.*
MRS. CHARLES PRICE DEEMS, *1666 Bush Street.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.
NEW HAVEN: MRS. CHARLES MCLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*
MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Avenue.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *1004 Cathedral Street.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*
CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*
FALL RIVER: MRS. RANDALL NELSON DUFFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MISSOURI:

KANSAS CITY: MRS. CLARENCE MORGAN HARDENBERGH, *3710 Warwick Boulevard.*
ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*
UTICA: MRS. ARTHUR PERCY SAUNDERS, *Clinton.*

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*
CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 6.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne Sewickley.*
MRS. CAROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

UTAH:

SALT LAKE CITY: MISS KATE WILLIAMS, *177 13th East Street.*

WISCONSIN:

MADISON: MRS. MOSES STEPHEN SLAUGHTER, *633 Francis Street.*
ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London.*



THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art, and education. Bryn Mawr College, being small, offers special opportunities to its graduate students for the working out of research problems in small seminars under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred, and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy, and certain courses may be pursued for one or two years and offered as one of the two minor or secondary subjects.

Admission

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

*Graduate
Students*

Graduates of Bryn Mawr College, and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the Graduate School.

The most distinguished place in the Graduate School is held by the fellows and graduate scholars, who must reside in Radnor Hall, the Graduate Hall of the college during the academic year. There are offered annually in the Graduate School three fellowships for study in Europe, one special foundation fellowship for study in America or abroad, one special foundation fellowship for study in an American college, twenty-three resident fellowships, twenty-four resident graduate scholarships and five graduate scholarships for foreign women.

*Fellows
and
Scholars*

Residence

Residence for Graduate Students

Residence in Radnor Hall, the Graduate Hall, is optional except for holders of resident fellowships and scholarships. Those who do not reside in the Graduate Hall are expected to make arrangements which are satisfactory to the college. Every student has a separate room. The charge of \$100. for room-rent includes all expenses of furnishing, service, heating and light.

Plans and descriptions of Radnor Hall are published in Part 4 of the Bryn Mawr College Calendar.

Application for Rooms

Application for rooms must be made as early as possible. The demand for graduate rooms is very great, and since unnecessarily reserving a room may prevent some other student from entering the college, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the college in the year for which the room is reserved, the amount of the deposit is deducted from the first college bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the College. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract, which will be sent on application, and return it with the fee of fifteen dollars to the Secretary and Registrar of the College. A deposit of fifteen dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before May first of the current year.

With- drawal

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the College by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Any student who changes her room is required to pay an extra fee of fifteen dollars.

Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect

the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

The charge for board is four hundred dollars a year, one half being payable on registration and the other half at the beginning of the second semester.

Board

In case of prolonged illness and absence from the college extending over six weeks or more, there will be a proportionate reduction in charge for board.

Accommodation is provided for graduate students who wish to remain at the college during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the college halls are closed, but accommodation may be obtained near the college campus. At Easter graduate students may occupy their own rooms at the above rate. Any student remaining in Bryn Mawr or nearby and not in the college or in her own home for all or part of the vacation must make arrangements satisfactory to the Dean of the Graduate School.

**Board
Accommo-
dation for
Vacations**

The college reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

**College
Regulations**

In case of emergency the college assumes the right to take all responsibility.

Expenses

Tuition for the semester, payable on registration:	
For one hour* a week of lectures.....	\$18.00
For two hours a week of lectures.....	36.00
For three hours a week of lectures.....	48.00
For four or five hours a week of lectures.....	65.00
For six or more hours a week of lectures.....	100.00
Room rent for the academic year, payable on registration.....	100.00
Board for the semester, payable on registration.....	200.00

Summary of total expenses for the academic year:

Tuition fee, for six or more hours a week of lectures.....	200.00
Room rent.....	100.00
Board.....	400.00
Infirmery fee†.....	10.00
Athletic fee.....	3.50

Total for tuition, residence, athletic fee, and infirmery fee
for the academic year..... \$713.50

Laboratory fees for the academic year (additional).....\$12 to \$43

* The fees charged are reckoned on the basis of the actual hours of conference or lecture irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

† This fee entitles the student to two days (not necessarily consecutive) resident care in the Infirmery and to consultations with the College Physician during her office hours.

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

*Tuition
Fee*

The tuition fee for the semester becomes due as soon as the student is registered in the college office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the college must register immediately at the Comptroller's office, and must register her courses at the Office of the Dean of the Graduate School within two weeks after entrance. Permission to make any change in registration must be received from the Dean of the Graduate School.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

Laboratory Fees

*Laboratory
Fees*

In counting the number of hours for which a graduate is registered the following special arrangements are made in regard to laboratory courses: payment for a one hour lecture course in a scientific department entitles the student to four hours of laboratory work in addition with no extra charge except the laboratory fee. Students registered for laboratory work only, are charged the following tuition fee: for each two and one-half hours of undergraduate laboratory course and for each five hours of graduate laboratory course the same fee as for one hour lecture course. The laboratory fees as stated below are charged in addition to the charge for tuition.

Graduate students taking courses in scientific departments (Physics, Chemistry, Geology, Biology, and Psychology) amounting to six or more hours a week of lecture courses or its equivalent in laboratory courses are charged a laboratory fee of twenty-one dollars and fifty cents a semester with the following exceptions: if the student takes, as a regular student, courses in subjects not enumerated above amounting to six hours a week the laboratory fee is reduced to fifteen dollars a semester; and if she takes, as a regular student, courses in subjects not enumerated above amounting to ten hours a week the laboratory fee is reduced to seven dollars and a half a semester.

Graduate students taking less than six hours a week of lectures, or its equivalent in laboratory work, and graduate students taking one undergraduate laboratory course only are charged a laboratory fee of fifteen dollars a semester for every laboratory course of four or more hours a week, and of seven dollars and fifty cents a semester for every laboratory course of less than four hours a week.

In courses in Geology each hour of field work counts as one hour of laboratory work.

All graduate students, including fellows and scholars, taking two courses or a course which requires field work in the Department of Social Economy

and Social Research are charged a laboratory fee of ten dollars a semester, and may also be required to provide themselves with two fifty-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each, and to meet their traveling and incidental expenses while working in the field during the semester and vacations. The fee for the certificate is ten dollars, and all fellows and scholars are expected to complete work for a certificate and are charged the ten dollars certificate fee.

The fee for laboratory courses in Experimental Psychology, Education, and Educational Psychology for graduate students is six dollars a semester.

The infirmary fee is ten dollars for each resident graduate student. Payment of this fee entitles each graduate student to care in the infirmary for two days during the year, with attendance by the college physicians, and, if the illness is not contagious, to nursing. In the event of an illness of longer duration and of all contagious illnesses the student must meet or, in the case of two or more students with the same contagious disease, share the expenses of a special nurse, the infirmary fees, and any hospital or sanitarium charges, should removal from the college be ordered by the Physician in Chief.

*Infirmary
Fees*

A special nurse for one student is \$14.30 a day or \$100.10 a week, which includes nurse's fee, board and laundry, and the student's infirmary fee. In contagious cases the fee is \$15.30 a day or \$107.10 a week. The infirmary fee for the student is \$6.00 a day, which includes nursing, provided that one of the college nurses is able to care for her.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the Graduate School.

DEPARTMENT OF HEALTH

Health

A Health Committee consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Dean of the Graduate School, the Director of Physical Education, the Physicians of the College, the Wardens and the Senior Resident of Radnor Hall has charge of the health of the students.

The department of health requires that every student file with the Chairman a certificate of a recent medical examination signed by the student's physician.

A certificate of vaccination within one year of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

All entering resident graduate students are required to have a medical, physical and oculist's examination and to follow the health directions of the physicians of the college which will be given them after the examination; those who are reported by the physicians of the college as suffering from uncorrected eye trouble will be expected to take the necessary measures to correct it.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the Resident Physician without charge at her office in the college Infirmary from 8.30-9.30 A. M. and from 4-5.30 P. M. from Monday to Friday, Saturday from 9-10 A. M., and Sunday by appointment only.

Students ill in the Graduate Hall are required to report their illness immediately to the Senior Resident. Such cases will always be investigated, and if the College Physician believes it advisable, the student will be admitted to the Infirmary. Outside physicians will not be permitted to visit students in the Graduate Hall, unless called in special cases by the College Physician.

Graduate Association

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not purely academic or affecting hall management or the student body as a whole. All persons studying in the Graduate School are members of this association.

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The degree of Master of Arts will be in no case conferred by the college as an honorary degree, but only upon the completion of the following requirements:

*The Degree
of Master
of Arts*

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before May 1st of the year preceding that in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

(a) *Admission to courses.*

Preliminary training equivalent to the Bryn Mawr College undergraduate Major* in the subject of the course is required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. The candidate must, however, have taken the equivalent of a Major in some subject.

*Require-
ments for
the Degree
of Master
of Arts*

(b) *Knowledge of Literature.*

A candidate is required to present credits for ten semester hours of undergraduate work in Literature, at least five of which must be English Literature. In case of failure to do so she will be required by the Committee on Graduate Students to make up her deficiencies.

(c) *Knowledge of Philosophy, Psychology, Laboratory Sciences, or Mathematics.*

A candidate is required to present credits for eighteen semester hours of undergraduate work in two or more of the following subjects: Philosophy,

* This amounts to 20 semester hours, but in English to 32 semester hours, and in philosophy and psychology to 24 hours of undergraduate college training.

Psychology, Laboratory Science (i.e., Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than ten semester hours may be in any one of these subjects, and eighteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the committee, at least six semester hours of laboratory science, which may be counted in the above eighteen hours.

(d) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(e) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(f) *Knowledge of English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

Deficiencies in preliminary requirements may not be made up later than the last year in which courses are taken for the degree.

REQUIREMENTS

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses; but five hours of advanced undergraduate work* may be substituted for one of them.† To fulfill this requirement, therefore, the student must devote her entire time for one year to graduate study. Any serious deficiency in the preliminary requirements will make it impossible to complete the work for the degree in one year.

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

Requirements for the Degree of Master of Arts

The Degree of Doctor of Philosophy and Master of Arts

The degree of Doctor of Philosophy and Master of Arts‡ will in no case be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

Before an applicant for the degree of Ph.D. can be accepted as a candidate she must submit to the Committee on Graduate Students in writing§ an account of her general preparation, stating in particular the extent of her knowledge of French, German, and Latin, and also the subjects she wishes to offer as Major and Minors for the degree, and the amount and character of her previous work in these subjects. If this statement is satisfactory she will be registered as a candidate. If the candidate's preparation is found by the Committee on Graduate Students to be in any way insufficient she shall be required to undertake suitable extra work.

REQUIREMENTS

1. *Time.*—The candidate shall devote to graduate work at least the equivalent of three full years. This minimum will usually be exceeded.

2. *Residence.*—Two full years of work in residence at Bryn Mawr are required. The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the committee may accept work done under direction of scholars not directly connected with a college or university.

Requirements for the Degree of Doctor of Philosophy and Master of Arts

* In departments having required general courses, second year courses may be taken as advanced courses, provided the Committee on Graduate Students be satisfied that the courses in question are the equivalent of advanced courses in respect to the subject of the courses and the methods pursued.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ This is the form in which the degree has always been conferred.

§ Using the application blank issued by the Committee on Graduate Students.

3. *Subjects.*—The course of study shall consist of one principal and one or two subordinate subjects, and shall be divided between at least two departments. The principal subject is known as the Major. When there are two subordinate subjects, one shall be in the same department as the Major or in a closely allied department, and is known as the Associated Minor, and the other shall be in a different department from the Major, and is known as the Independent Minor. When there is one subordinate subject it may be (a) the Independent Minor alone, in which case the Associated Minor and the Major are in the same subject, or (b) equivalent to both the Independent Minor and the Associated Minor, in which case it is known as a Double Minor. A list of all the approved combinations of Majors and Minors has been issued by the Academic Council, and no combination not on this approved list shall be allowed without special action of the Council, except that in the case of Independent Minors the Committee on Graduate Students has the power to accept a subject in a combination not on the approved list, such action, when taken, to be reported to the Council.

*Graduate
Courses or
Seminaries*

4. *Courses.*—Subject to the exception stated below, eight unit graduate courses or Seminaries are required for the Ph.D. degree. A unit graduate course or Seminary requires approximately one-third of a student's time for one year, so that three such courses will represent full-time work. Students are not permitted to register for more work than this.

Some courses are offered which require less than one-third of a student's time, and these count as proportionate parts of a unit course. When work done elsewhere is offered in partial fulfilment of the requirements for the degree at Bryn Mawr, the Committee on Graduate Students shall determine the equivalent of such work in terms of unit graduate courses at Bryn Mawr.

Of the eight courses required, six shall be in the Major and Associated Minor and two in the Independent Minor. The division of courses between the Major and Associated Minor, whether these are in the same or different departments, shall be subject to the approval of the Supervising Committee. If the Associated Minor and Independent Minor are in the same department, not less than four courses shall be taken in the major subject.

While the eight graduate courses required are understood to be organized courses, as announced in the Calendar, the department in which a candidate's major work is being done may, at its discretion, direct that other work shall be substituted for one of them. This substitution may be in the Major or in one of the Minors. Work thus substituted for a regular course may not be work upon the dissertation, except in the departments of laboratory science, viz., Physics, Chemistry, Geology, Biology, and Experimental Psychology. Such work must be covered in one of the examinations regularly provided or by a special examination or report. It shall be registered at the Office of the Dean of the Graduate School and at the time of registration its character and the way in which it is to be tested shall be indicated. When, under this option, only one graduate

course is taken in the Independent Minor, no mention of the Independent Minor shall be made in the diploma.

If a student's complete work in any one department exceeds two courses it may not be taken with a single instructor, except with the permission of the Committee on Graduate Students.

No undergraduate courses shall count towards the Ph.D. degree, even though a candidate may be obliged to take such courses in order to supplement her preparation in her subjects, except certain advanced courses in science recognized by the Committee on Graduate Students as equivalent to graduate courses in virtue of assigned supplementary reading or laboratory work or both. Such assigned supplementary reading or laboratory work shall be reported in writing by the instructor to the Committee on Graduate Students so as to indicate in what respect the course differs from undergraduate work.

All graduate courses must be completed before the Final Examination.

Journal Clubs.—Every candidate takes part in the work of three Journal Clubs, two in her Major, and one in her Associated Minor; but candidates who are in residence for only two years may omit one of the three. Departments may, however, require participation in Journal Clubs on the part of all students who are pursuing the work as a Major.

*Journal
Clubs*

5. *Tests in French, German, English, and Latin.*—Every candidate must pass in the presence of the Committee on Graduate Students an oral examination in the reading at sight of such French and German as it will be necessary for her to read in the course of her work in the major subject. These examinations shall be taken as soon after registration as possible; in any case not later than one calendar year* before the date of the Final Examination.† Any department so desiring may, however, require the passing of these examinations at an earlier point in the student's course. In case of failure, the Committee on Graduate Students may allow a second trial, but not later than an early date in the academic year in which the candidate is to complete the requirements for the degree. If the candidate's Major or Minor is modern French or German she will be excused from the corresponding test.

*Oral
Examina-
tions*

Every candidate must be able to write clear and correct English, and may be required to furnish to the Committee on Graduate Students satisfactory evidence of such ability. The candidate may also be required to give evidence that she has some knowledge of Latin.

6. *Dissertation.*—The candidate shall present a dissertation which must be the result of independent investigation in the field covered by the major subject. It must contain new results, arguments or conclusions or it must present accepted results in a new light. It must be published within three years from the Commencement after the candidate has passed the

Dissertation

* The Committee on Graduate Students regularly offers these examinations on the first Saturday after the Thanksgiving vacation, on the first day of the Mid-Year Examination period, and on the first Saturday after the Spring Vacation.

† Language examinations in French and German for the Ph.D. degree may be taken in the autumn of the year in which the student applies for the degree provided she has been abroad the preceding year and therefore unable to present herself for examination.

Final Examination (unless a special extension of time is granted by the Committee on Graduate Students), and 150* copies must be supplied to the College (addressed to the Office of the Dean of the Graduate School). The candidate shall not be entitled to use the degree until her dissertation shall have been published in approved form.

*Examina-
tions*

7. *Examinations.*—The progress and attainments of the candidate shall be tested by examinations and certified, as specified in the printed regulations.

* Two of these must be bound in a specified manner for use in the Library.

COURSE OF STUDY

Graduate courses, which are open only to Graduate Students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archaeology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

*Graduate
Courses*

Advanced undergraduate courses to which graduate students are admitted are offered in all departments.

REGULATIONS

Lists of approved associated and independent minors for all departments will be found in the Regulations of the Academic Council.

Regulations

Books needed by the Graduate Students are collected in the Seminary library of each department.

Comparative Philology and Linguistics

This department is under the joint direction of the professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an independent minor, but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of major work, may take any of the courses listed below and count them as a part of their philology in the Major Department. Undergraduate preparation entitling to graduate work in any of the language departments will entitle to work in this department.

The following courses are offered:

Introduction to Indo-European Linguistics: Dr. Mezger.

Two hours a week during one semester.

(Given in 1929-30)

After a general introduction to linguistic science, the relations of the principal languages of the Indo-European group will be studied with respect to sounds, inflection, syntax and word-formation. One dialect (preferably Lithuanian or Church Slavonic) will be dealt with more closely.

Elementary Sanskrit: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31)

Study of Sanskrit grammar on a comparative basis. Reading of classical and Vedic texts.

Old and Middle Irish: Dr. Mezger. *Two hours a week during one semester*
(Given in 1929-30)

Comparative grammar of Old Irish. Interpretation of texts. For students of comparative philology or such as want to read the tales of the Cuchulinn and Finn cycles.

Old and Middle Welsh: Dr. Mezger. *One or two hours a week throughout the year.*
(Given in 1930-31)

Comparative grammar. Reading of the Mabinogion.

Historical Grammar of Greek and Latin: Dr. Broughton. *Two hours a week throughout the year.*
(Given in 1930-31)

A study of the development of sounds and forms of Greek and Latin. Introduction to the study of Greek and Italic dialects.

Graduate Courses

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English. *Two hours a week throughout the year*

Middle English. *Two hours a week throughout the year.*

English Historical Grammar. *Two hours a week throughout the year.*

ROMANCE PHILOLOGY

Introduction to Old French Philology. *Two hours a week throughout the year.*

Old Italian. *Two hours a week throughout the year.*

Spanish Philology and Old Spanish Readings. *Two hours a week throughout the year.*

GERMANIC PHILOLOGY

Introduction to Germanic Philology. *Two hours a week throughout the year.*

Old Norse. *Two hours a week during the first semester.*

Old Saxon and Old Frisian. *Two hours a week during the second semester.*

Old High German. *Two hours a week during the first semester.*

Germanic Metrics and German Style. *One hour a week throughout the year.*

Seminary in Germanic Philology. *Two hours a week throughout the year.*

Greek

PROFESSORS: HENRY NEVILL SANDERS, Ph.D.
WILMER CAVE WRIGHT, Ph.D.

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators, and Historians, and the Homeric Question, Plato, Aristophanes and Greek Sophists, in order that they may be taken in consecutive years. Students electing Greek as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Greek be also elected as the associated minor the candidate must offer two seminars and the journal club for three years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department, and reports on this reading are from time to time required of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archæology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see pages 157 and 158.

Greek Seminary: Dr. Sanders.

Three hours a week throughout the year.

(Given in each year)

1929-30: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

1930-31: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature.

1931-32: Greek Orators.

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax, and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Isæus, Æschines, Hyperides, and Demosthenes. The classical library is well equipped with works on the orators.

Greek Seminary: Dr. Wright.

Two hours a week throughout the year.

(Given in each year)

1929-30: Aristophanes.

The aim of the seminary is to make the students familiar with the more important Aristophanic literature up to the present day. Portions of the text are interpreted by the class and reports on assigned topics, literary, historical, and archæological, connected with the plays are expected from all the members. All the comedies of Aristophanes are read in the course of the year; lectures are given by the instructor on the metres and syntax of Aristophanes, on the dramatic structure of the plays and on the history of Attic comedy. Part of the work consists of analyses of dissertations on Aristophanes which are presented by members of the class. Every member of the class should provide herself in advance with a complete text of Aristophanes. The Clarendon Press (Oxford) edition is recommended.

1930-31: Plato.

The work is mainly literary and critical. Lectures on the style, philosophy, and chronology of the dialogues are given by the instructor; a detailed interpretation of a portion of Plato, and reports on topics set for discussion are given by the class. The students are expected to read the *Republic*, *Theætetus*, *Parmenides*, and *Sophist* and discuss certain problems arising from these dialogues. The aim of the course is to lay a foundation for independent work by familiarizing the students with the achievements of scholarship and the general field of Platonic literature up to the present day. Every member of the seminary should provide herself in advance with a complete text of Plato. The Clarendon Press (Oxford) edition is recommended.

1931-32: The Homeric Question.

1st Semester.

The work consists of a review of the discussions of the Homeric since the publication of Wolf's *Prolegomena*. The various tests have been applied to the poems by archaeologists, linguists, historians of myths, and æsthetic critics are taken up and criticized in detail.

Greek Sophists of the Fourth Century A.D.

2nd Semester.

The works of the Emperor Julian, Libanius and others are read and discussed. Lectures and reports are given on the literary movements of the second, third and fourth centuries A.D.

Greek Journal Club: Dr. Sanders, Dr. Wright.

One and a half hours once a fortnight throughout the year.

Journal Club

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

(Given in 1929-30)

1st Semester.

Æschylus, *Eumenides*: Dr. Sanders.

Two hours a week.

Sophocles, *Trachiniæ*: Dr. Sanders.

One hour a week.

Melic Poets: Dr. Wright.

Two hours a week.

2nd Semester.

Greek Rhetoricians and Prose Composition: Dr. Sanders. One hour a week.

Bacchylides: Dr. Sanders.

One hour a week.

Euripides, *Bacchæ*: Dr. Sanders.

One hour a week.

Æschylus, *Septem* or *Lucian*: Dr. Wright.

Two hours a week.

(Given in 1930-31)

1st Semester.

Æschylus, *Oresteia*: Dr. Sanders.

Two hours a week.

Fourth Century Critics: Dr. Sanders.

One hour a week.

Theocritus: Dr. Wright.

Two hours a week.

2nd Semester.

Pindar: Dr. Sanders.

Two hours a week.

Sophocles, *Electra* or Euripides, *Electra*: Dr. Sanders.

One hour a week.

Plato: Dr. Wright.

Two hours a week.

(Given in 1931-32)

1st Semester.

Minor Orations of the Attic Orators: Dr. Sanders.	<i>Two hours a week.</i>
Sophocles, <i>Œdipus Coloneus</i> : Dr. Sanders.	<i>One hour a week.</i>
Palatine Anthology: Dr. Wright.	<i>Two hours a week.</i>

2nd Semester.

<i>Æschylus, Agamemnon</i> : Dr. Sanders.	<i>Two hours a week.</i>
Greek Prose Composition and the Evolution of Style: Dr. Sanders.	<i>One hour a week.</i>
Sophocles, <i>Ajax</i> : Dr. Wright.	<i>Two hours a week.</i>

Latin

PROFESSOR:	LILY ROSS TAYLOR, Ph.D.
ASSOCIATE PROFESSORS:	MARY HAMILTON SWINDLER, Ph.D. SUSAN HELEN BALLOU, Ph.D.
ASSOCIATE:	THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
LECTURER:	LOUISE ADAMS HOLLAND, Ph.D.

GRADUATE COURSES

Three seminaries are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced undergraduate courses of the department amounting to seven hours a week may also be elected by graduate students. **Graduate Courses**

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years. Students electing Latin as a major subject for the degree of Doctor of Philosophy must offer not less than two seminaries and the journal club for two years and if Latin be also elected as the associated minor the candidate must offer two seminaries and the journal club for three years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

Latin Seminary: Dr. Taylor. *Two hours a week throughout the year.*

1929-30: Latin Literature from Livius Andronicus to Terence. The chief emphasis will be placed upon Ennius and Plautus.

1930-31: Roman Religion and Latin Inscriptions.

Roman Religion will be studied from the sources with special emphasis on the material provided by the *Fasti* of Ovid. The early Roman calendar, the coming in of Italic and Greek gods, the origin and development of the imperial cult, and the growth of the Oriental Religions will be considered. In the second semester the work will centre on inscriptions with special study of those dealing with religion and with Roman social life.

1931-32: The Poetry of the Augustan Age

Special emphasis on the work of Horace and Vergil in its relation to the principate of Augustus. The subjects for investigation by each student may be selected from the whole field of Augustan poetry.

Latin Seminary: Dr. Ballou.*Two hours a week throughout the year.***1929-30: Mediæval Latin.**

The Latin Church Fathers and the early Mediæval historians, together with other prose writers of especial interest from the fourth to the fourteenth century, will furnish the material for study, both linguistic and literary.

1930-31: Latin Palæography.*1st Semester.*

The facsimiles in the collections of Chatelain, Zangemeister and Wattenbach, and Arndt furnish acquaintance with the more important Roman and mediæval literary hands, and photographic reproductions are used for practical exercises in collation and text emendation.

The Poems of Catullus.*2nd Semester.*

These form the basis for the application of palæographic principles to textual criticism.

1931-32: Roman Historiography.

The development of the writing of history at Rome will be studied chronologically from the early annalists and Cato to Ammianus Marcellinus in the fourth century. Selections from representative historians will be read and reports made by the students on their methods and style.

Latin Seminary: Dr. Broughton.*Two hours a week throughout the year.***1929-30: Livy's History.**

A study will be made of the political and institutional development of Rome from the earliest times to the close of the Punic wars. The works of Livy will be used as the basis of study with criticism of other sources.

1931-32: Cicero's Correspondence.

An effort will be made to master typical textual and linguistic problems presented by the text, and special attention will be paid to Roman administration and political conditions during the last years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., will form the basis of the work.

Historical Grammar of Greek and Latin:* Dr. Broughton.*Two hours a week throughout the year.**(Given in 1930-31)***Journal
Club**

Latin Journal Club: President Park, Dr. Taylor, Dr. Ballou, Dr. Broughton and Dr. Holland.

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Latin Prose Composition.*One hour a week throughout the year.**(Given in each year)***1st Semester: Dr. Broughton.****2nd Semester: Dr. Holland.****Mediæval Latin: Dr. Ballou.***Three hours a week during the first semester.**(Given in 1929-30 and again in 1931-32)*

Extracts will be read from prose and verse representing various literary interests from the fourth to the fourteenth century.

* See Comparative Philology, page 127.

Roman Satire: Dr. Broughton. *Three hours a week during the second semester.*
(Given in 1929-30 and again in 1931-32)

A study of Roman satire in its literary form and its historical development. The fragments of Lucilius and the satires of Horace, Persius and Juvenal will be read.

Cicero, Selections from the Letters and the Orations: Dr. Taylor.
One hour a week during the first semester.
(Given in 1929-30 and again in 1931-32)

A study of social and political conditions at the close of the republic.

Livy, Selections from Books I-IV: Dr. Holland.
One hour a week during the second semester.
(Given in 1929-30 and again in 1931-32)

A study of the legends of the regal and early republican period. By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

Lucretius, De Rerum Natura: Dr. Ballou.
Three hours a week during the first semester.
(Given in 1930-31)

The course will deal with the place of the De Rerum Natura in literature and thought.

Vergil, Aeneid: Dr. Taylor. *Three hours a week during the second semester.*
(Given in 1930-31)

The poem will be studied as a whole with a consideration of its language, its structure, and its place in the history of epic.

Cæsar, Selections from the Gallic and the Civil Wars: Dr. Broughton.
One hour a week during the first semester.
(Given in 1930-31)

Cicero, Selections from the Philosophical Works: Dr. Broughton.
One hour a week during the second semester.
(Given in 1930-31)

By additional supervised reading and the preparation of special papers students may secure two hours' credit for the one hour courses.

The Roman Empire: Dr. Ballou. *Two hours a week throughout the year.*
(Given in 1930-31)

See page 64.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. SAMUEL CLAGGETT CHEW,* Ph.D.
ASSOCIATE PROFESSOR:	STEPHEN JOSEPH HERBEN, Ph.D.
ASSOCIATE:	ELEANOR GRACE CLARK, Ph.D.
ASSOCIATE PROFESSOR OF GERMAN:	FRITZ MEZGER, Ph.D.

GRADUATE COURSES

Seven seminaries are offered each year in English literature and language, accompanied by the direction of private reading and original research.

*Graduate
Courses*

* Granted leave of absence for the year 1929-30.

These seminars are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Students who elect English literature as their major subject in their examination for the degree of Doctor of Philosophy must offer English philology as an associated minor and those who offer English philology as a major subject must offer English literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1929-30: Problems in Eighteenth Century Literature.

1930-31: Donne and Milton.

1931-32: Shelley.

Seminary in English Literature: Dr. Chew.*

Two hours a week throughout the year.

(Given in each year)

1930-31: The Age of Wordsworth.

1931-32: Victorian Literature.

1932-33: The Jacobean Drama.

Seminary in American Literature: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The periods vary from year to year.

(Occasionally a seminary in Criticism may be substituted for the seminary in American Literature.)

Seminary in Old English: Dr. Herben. *Two hours a week throughout the year.*

(Given in each year)

This seminary is open to graduate students who have already taken the course in Anglo-Saxon grammar and reading of Anglo-Saxon texts, or its equivalent.

1929-30: Old English Christian Poetry.

1930-31: *Beowulf* and The Old English Lyrics.

Seminary in Middle English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

1929-30: Middle English Romances.

1930-31: The Beginnings of English Drama.

1931-32: Chaucer.

Seminary in Elizabethan Drama: Dr. Clark.

Two hours a week throughout the year.

(Given in 1929-30)

Early Elizabethan Drama, special topics.

* Granted leave of absence for the year 1929-30.

Philological Seminary: Professor Mezger. *Two hours a week throughout the year.*
(Given in each year).

1929-30: English Historical Grammar.

1930-31: Introduction to Germanic Philology.

Journal Club: Miss Donnelly, Dr. Crandall, Dr. Chew,* Dr. Herben,
Dr. Clark and Dr. Mezger.

*Journal
Club*

One and one-half hours in alternate weeks throughout the year.

ROMANCE LANGUAGES

French

PROFESSOR AND DEAN
OF THE GRADUATE
SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS: GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*.

ASSOCIATES:

MARGARET GILMAN, Ph.D.

ROBERT TURNER, *Docteur d'Université*.

GRADUATE COURSES

Thirteen hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years.

*Graduate
Courses*

Students who choose French literature as their major subject in their examination for the degree of Doctor of Philosophy must offer French philology as the associated minor and students who offer French philology as a major subject must offer French literature as the associated minor.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck.

Two hours a week throughout the year.

(Given in each year)

1929-30: French Drama of the Eighteenth Century.

1930-31: Flaubert and Theories of Literary Realism.

1931-32: Theories of French Romanticism.

Seminary in French Literature of the Sixteenth and Seventeenth Centuries: Mr. Canu and Dr. Turner.

Two hours a week throughout the year.

(Given in each year)

1929-30: Historical Background of French Literature in the Sixteenth and Seventeenth Centuries: Mr. Canu.

1930-31: French Literature of the Sixteenth Century: Dr. Turner.

* Granted leave of absence for the year 1929-30.

Seminary in Mediæval French Literature: Mrs. Frank.*Two hours a week throughout the year.**(Given in each year)*

1929-30: The Dramatic Literature of Mediæval France.

1930-31: Old French Narrative Poetry as Represented by the *Chansons de Geste* and the *Romans Courtois*.

1931-32: The Lyric, including the Courtly Lyric of Provence.

French Diction and Practical Phonetics: Mr. Canu.*One hour a week during the second semester.**(Given in each year)*

This course may be elected by any student taking one of the seminaries in French Literature.

Introduction to Old French Philology: Mrs. Frank.*Two hours a week throughout the year.**(Given in each year)*

Part of each session is devoted to a critical reading of selected texts. This course is equivalent to a full seminary and counts as such.

Journal Club Romance Languages Journal Club: Dr. Schenck, Mrs. Frank, Dr. Gilman, Mr. Canu, Dr. Turner, Dr. Gillet and Dr. Merlino.*One and one-half hours a fortnight throughout the year.*

The journal club is intended to acquaint the students with the results of contemporary researches in the Romance languages and literature.

ADVANCED UNDERGRADUATE COURSES**Advanced Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Studies in the Historical Background of French Literature: Mr. Canu.*Two hours a week throughout the year.**(Given in 1930-31)***French Literature of the Sixteenth Century: Dr. Turner.***Two hours a week throughout the year.**(Given in 1929-30 and again in 1931-32)***French Lyric Poetry since 1850: Dr. Gilman.***Two hours a week throughout the year.**(Given in each year)*

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Advanced French Composition and Readings in Journals, Memoirs, and Letters: Dr. Turner.*Two hours a week throughout the year.**(Given in each year)*

The class has one meeting a week and fortnightly interviews.

French Bibliography: Dr. Gilman.*One hour a week during the first semester.**(Reserved for honour and graduate students)*

Italian

ASSOCIATE: CAMILLO P. MERLINO, Ph.D.

GRADUATE COURSES

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years. Students electing Italian as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

*Graduate
Courses*

Seminary in Italian Literature: Dr. Merlino.

Two hours a week throughout the year.

1928-29: The Literature of the Nineteenth Century.

If necessary, modifications will be made in the work of the seminary to meet the special needs of students.

Old Italian: Dr. Merlino.

Two hours a week throughout the year.

Old Italian philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

*Advanced
Courses*

(Given in each year)

The Italian Literature of the Cinquecento: Dr. Merlino.

Three hours a week throughout the year.

1st Semester:

Selections from Ariosto's *Orlando Furioso*, Michelangelo's Poems, Cellini's *Vita*, etc.

2nd Semester:

Machiavelli's *Principe*, Selections from Tasso's *Gerusalemme Liberata*, Castiglione's *Cortegiano*, etc.

(Offered in each year)

Advanced Italian Composition: Dr. Merlino.

Two hours a week throughout the year.

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

*Graduate
Courses*

The graduate seminars in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Students electing Spanish as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

Seminary in Spanish: Dr. Gillet.

Two hours a week throughout the year.

1929-30: The Dramas of Torres Naharro.

1930-31: The Spanish Ballad.

1931-32: Literary Criticism in Spain.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology.

One hour a week throughout the year.

Old Spanish Readings.

One hour a week throughout the year.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age. Collateral reading and reports: Dr. Gillet.

Three hours a week throughout the year.

Advanced and Free Spanish Composition: Dr. Gillet.

Two hours a week throughout the year.

German

ASSOCIATE PROFESSORS: MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

GRADUATE COURSES

Graduate Courses

Eight hours a week of seminary work and graduate lectures are offered each year to graduate students of German and Germanic Philology accompanied by the direction of private reading and original research.

The courses are so varied that they may be followed by graduate students throughout three successive years and cover the work required of students who offer German Literature as a major or a minor for the degree of Doctor of Philosophy. Students who elect German Literature as their major subject in the examination for the degree of Doctor of Philosophy must offer Germanic Philology as an associated minor and students who offer Germanic Philology as a major subject must offer German Literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Seminary in German Literature: Dr. M. Diez.

Two hours a week throughout the year.

1929-30: Topics from the History of the Lyric: either Klopstock and Goethe, or Uhland and Mörike.

1930-31: Topics from the History of the Drama: either Goethe's dramas, or Franz Grillparzer.

1931-32: Goethe's Wilhelm Meister or Gottfried Keller.

Journal Club

German Journal Club: Dr. M. Diez and Dr. Mezger.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment, and criticism.

GERMANIC PHILOLOGY

The instruction in this department is under the direction of Dr. Fritz Mezger. The English and the German departments together have provided for a complete course in Germanic philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.), and the study of general comparative philology.

*Germanic
Philology*

Students intending to elect Germanic philology are advised to study Greek for at least one year during their undergraduate course.

Introduction to Germanic Philology: Dr. Mezger.

Two hours a week throughout the year

(Given in 1930-31)

Gothic and West Germanic sounds and inflection are studied on a comparative basis.

Old Norse: Dr. Mezger.

Two hours a week during the first semester.

(Given in 1929-30)

Old Saxon and Old Frisian: Dr. Mezger.

Two hours a week during the second semester.

(Given in 1929-30)

Germanic Metrics and German Style: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1929-30)

Seminary in Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1930-31 and again in 1931-32)

Open to students who have had at least one year of Germanic or Indo-European philology.
1930-31: Studies in Comparative Germanic Philology: Syntax and Word-formation;
Problems of Word-Geography based on a comparative study of Tatian and Wulfila and of
Tatian and the West Saxon Gospels.

1931-32: Studies in the History of the German Language.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Middle High German and Elements of German Historical Grammar:
Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

This course may be taken for three successive years. The reading will be so varied as to form a supplement to the advanced courses in German literature:

1929-30: Walther von der Vogelweide and Minnesang.

1930-31: Nibelungenlied.

1931-32: Parzival and Tristan und Isolde.

History of German Lyric Poetry from the Minnesingers to the Present
Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1929-30)

German Drama from Lessing to Hauptmann: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1930-31)

The German Novel from Goethe to the Present Time: Dr. M. Diez.

Two or three hours a week throughout the year.

(Given in 1931-32)

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY, Ph.D

GRADUATE COURSES

Graduate Courses

The work of the department is so arranged that students may specialize in Biblical history and literature or in Hellenistic Greek, and the private reading and original research of such students will be directed. Two hours a week of seminary work are offered in each subject and in some cases graduate students may profitably attend the elective courses.

Seminary in Critical Readings of the Greek New Testament: Dr. Cadbury.

Two hours a week throughout the year.

Philological, historical and exegetical study of selected writings in the Greek Bible and in kindred Hellenistic literature. A knowledge of Greek is required.

Seminary in the Bible: Dr. Cadbury.

Two hours a week throughout the year.

The study in successive years of different major literary and historical problems of the Bible, with the modern discussions of them. A knowledge of the original languages is useful but not indispensable.

1929-30: Judaism at the time of Christ.

1930-31: Gospel of John.

1931-32: *The Book of Acts*.

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH,* Ph.D.

CHARLES WENDELL DAVID, Ph.D.

ACTING PRESIDENT OF THE COLLEGE: HELEN TAFT MANNING, Ph.D.

INSTRUCTOR:

IVY CAROLINE ROBBINS, Ph.D.

GRADUATE COURSES

Graduate Courses

Apart from the direction of private reading and original research, seminars in Mediæval and Modern European history and in American history are offered to graduate students of history together with a graduate course in Historical Bibliography and Criticism and the Auxiliary Sciences. Students may offer either European History or American History as a major subject for the degree of Doctor of Philosophy.

Seminary in Mediæval and Modern European History: Dr. Gray.

Two or three hours a week throughout the year.

(Given in each year)

* Granted leave of absence for the year 1929-30.

1929-30: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the Treaty of Versailles and the problems of post-war Europe.

1930-31: Topics in the History of England from 1250 to 1450.

Among these are national resistance to papal encroachments, the baronial revolt of 1258, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the role of Italians and Hanseatics in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, and the loss of English possessions on the Continent.

1931-32: Topics in the History of England from 1450 to 1600.

Among these are the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the Sixteenth Century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

Seminary in American History: Dr. William Roy Smith.*

Two or three hours a week throughout the year.

(Not given in 1929-30)

1930-31: Slavery and Negro Problem.

After a preliminary survey of the history of slavery in the colonial period such topics as the slavery compromises of the constitution, the growth of slavery in the South, the abolition of the slave trade, the Missouri Compromise, the anti-Slavery movement, nullification, the Mexican War, the Wilmot Proviso, the compromise measures of 1859, the Kansas-Nebraska bill, the Dred Scott decision, the abolition of slavery, and the adoption of the thirteenth, fourteenth and fifteenth amendments will be discussed. Special attention will be paid to the conflict between sectionalism and nationalism and the connection between slavery, territorial expansion, and the development of constitutional theories.

1931-32: The Revolution, the Confederation, and the Constitution.

American history from 1776 to 1789 will be discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties will be investigated.

1932-33: The Civil War and Reconstruction.

Special stress is laid upon the social, economic, and political reorganization of the South, the North, and the West, and also of the nation as a whole during the period from 1861 to 1877.

Seminary in the History of England in the Twelfth and Thirteenth Centuries: Dr. David.

Two hours a week throughout the year.

(Given in 1929-30)

The period studied will extend roughly from the Norman Conquest to the middle of the thirteenth century. Special attention will be paid to institutional history. Topics selected for study will be somewhat as follows: the foundation, expansion and decline of the Anglo-Norman empire, the feudal and manorial régime, the institutions of the central government—administrative, financial and judicial—the institutions of local government, the relations between church and state in successive periods, commerce, industry, the towns, and the increasing importance of the middle class, the king and the baronage, the Great Charter, the growth of the constitution and of the common law.

* Granted leave of absence for the year 1929-30.

Seminary on the Age of the French Revolution: Dr. David.*Three hours a week throughout the year**(Given in 1930-31)*

The subject matter of the course will be chosen with reference to the needs and interests of the students who take it, the principal emphasis usually being placed upon France, but sometimes upon England. Topics will be selected with a view to illustrating different kinds of historical problems and gaining an acquaintance with the principal printed sources and secondary works and extending the student's knowledge of the whole era from about 1750 to 1815. Attention will be paid to social and economic as well as to political problems. The intellectual background of the revolutionary and reform efforts will also be considered.

Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David.*Two hours a week throughout the year.**(Given in 1931-32)*

This graduate course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palæography, and diplomatics. The course will consist of lectures, assigned reading and problem work, and adjustments are made to meet the needs of individual students.

**Journal
Club**

Historical Journal Club: Dr. Gray, Dr. William Roy Smith,* Dr. David, Acting President Manning and Dr. Robbins.

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

ADVANCED UNDERGRADUATE COURSES**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Europe since 1870: Dr. Gray.*Three hours a week throughout the year.**(Given in 1929-30)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress, and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles, and the strong position of labour in post-bellum society are among the subjects studied. A reading knowledge of French is required.

American Colonial History (1492-1763): Dr. W. R. Smith.**Three hours a week throughout the year.**(Not given in 1929-30)*

This course deals primarily with the English colonisation of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion.

* Granted leave of absence for the year 1929-30.

History of the United States since 1865: Dr. W. R. Smith.

*Two hours a week throughout the year.**(Given in 1930-31)*

The French Revolution and Napoleon: Dr. David.

*Two hours a week throughout the year.**(Given in 1930-31)*

This course treats of the history of France and of Europe from 1789 to 1815, by means of lectures and reports. The period is considered as an organic whole and the career of Napoleon is regarded as that of a child of the Revolution. The increasing mass of secondary material is appraised and some printed documentary material is used for reports and references. A reading knowledge of French is required.

Civilization of the Ancient World: Dr. Ballou.

*Three hours a week throughout the year.**(Given in 1929-30)*

Special attention is paid to Greece and Rome; but extended consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt, and the Ægean region, and to the influence of environment, race, and culture upon human development. The evolution of civilization as a whole, from earliest times to the fourth century A. D., is presented in a single synthesis.

This course which is regularly offered as a free elective may in special cases be taken as an advanced course by graduate students who do additional assigned work. In such cases it may be counted in partial fulfilment of the requirements for the M.A. degree.

FREE ELECTIVE COURSES

History of England to 1485: Dr. David.

*Three hours a week during the first semester.**(Given in 1929-30 and again in 1930-31)**(Open only to students who have taken the first year course in history)*

This course deals with English history in all its more important aspects from Roman times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the Roman Church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

Mediaeval Civilization: Dr. David.

*Three hours a week during the second semester.**(Given in 1929-30 and again in 1930-31)**(Open only to students who have taken the first year course in history)*

This course is confined for the most part to continental and to the period from the fourth century to the close of the thirteenth century. Building upon the brief treatment of the first year course, it is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the civilization of the later Roman Empire, the Germanic invasions, the rise of the monasteries, the Byzantine and Carolingian Empires, Islam and the Crusades, the reform of the Church, the rise of national states, the civilization of the twelfth and thirteenth centuries.

In 1929-30 this course may, by special arrangement with the instructor, be taken as an advanced course.

**Free
Elective
Courses**

Economics and Politics

PROFESSORS:	MARION PARRIS SMITH,* Ph.D. CHARLES GHEQUIERE FENWICK, Ph.D.
ASSOCIATE PROFESSOR:	ROGER HEWES WELLS, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
LECTURER:	JULIAN S. DUNCAN, Ph.D.

GRADUATE COURSES

Graduate Courses

Six to nine hours a week of seminary work and graduate lectures are offered each year to graduate students of economics and politics.

Three seminaries, one in economics, two in political science, are offered in addition to the direction of private reading and original research. Advanced undergraduate courses amounting to five hours a week which may be elected by graduate students are given in each year. Students may offer either economics or politics as their major subject for the degree of Doctor of Philosophy.

Seminary in Economics: Dr. Marion Parris Smith.*

Two hours a week throughout the year.

(Given in each year)

The object of the seminary is to train students in the methods of research, and in the organization of material. In short reports and long papers members of the seminary are given practice in using original sources and in a critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction, and graduate studies are specially designed to prepare advanced students for Government Civil Service Examinations in the Department of State, Department of Commerce, and the Department of Labor, as well as for high degrees.

1929-30: Economic Institutions in the United States; Finances and Banking, Agriculture, Manufacture, Commerce, etc

1930-31: Economic Thought in the Nineteenth Century.

1931-32: The Industrial Revolution in Great Britain and Europe.

Seminary in Politics: Dr. Fenwick.

Three hours a week throughout the year.

(Not given in 1929-30)

The methods of instruction in the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1930-31: The Constitutional Law of the United States.

The decisions of the Supreme Court of the United States will form the basis of the work. Special stress will be laid upon the relations between the federal and state governments. interstate commerce, and due process of law under the Fourteenth Amendment. Students will be required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

1931-32: Constitutional Questions involved in Modern Economic and Social Problems.

The chief economic and social problems of the United States will be studied from the point of view of the restrictions placed by the Constitution upon the legislative powers of Congress and of the several states dealing with those subjects. As an introduction the various theories relating to the proper functions of the state will be discussed.

Seminary in Politics: Dr. Wells.

Two hours a week throughout the year.

(Given in each year)

* Granted leave of absence for the year 1929-30. The seminary in Economics in 1929-30 will be given by Dr. Duncan.

1929-30: The History of Political Thought.

The purpose of this seminary is twofold: first, to familiarize the student with the writings of the principal political thinkers from Plato to the present time; and second, to enable the student to grasp clearly the main problems which political theory is called upon to explain and to solve. The work of the seminary includes lectures, general reading, student reports, and general class discussions.

1930-31: Comparative Municipal Government and Administration.

1931-32: American and Foreign Political Parties and Electoral Problems.

Economics and Politics Journal Club: Dr. Marion Parris Smith,* Dr. Fenwick, Dr. Wells, Dr. Dulles, and Dr. Duncan.

*Journal
Club*

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussions, comment, and criticism.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

The Literature of Socialism: Dr. M. P. Smith.

Three hours a week throughout the year.

(Given in 1931-32)

Money and Banking: Dr. Dulles. *Two or three hours a week throughout the year.*

(Given in 1929-30)

Municipal Institutions: Dr. Wells. *Two hours a week throughout the year.*

(Given in 1929-30)

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY,* Ph.D.
ASSOCIATE PROFESSOR:	HORNELL HART, Ph.D.
ASSOCIATE:	ELEANOR LANSING DULLES, Ph.D.
LECTURER:	ALMENA DAWLEY, M.A.
SPECIAL LECTURERS:	EVA WHITING WHITE, A.B.
	ALICE HAMILTON, M.D.
LECTURER:	To be appointed

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the Autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

* Granted leave of absence for the year 1929-30.

The departments of Economics and Politics, Psychology, Education, and Philosophy offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith,* Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Associate Professor of Economics and Politics; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba,* Professor of Psychology; Dr. Harry Helson, Associate Professor of Experimental Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Ilse Forest, Associate Professor of Education, and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology† and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether five hours' work per week for two years in one of these subjects).

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work, or Community Organization, or Industrial Relations in which she will give seven hours a week during the term time and vacation practica to practice or field work in an institution or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics, and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 43 hours of work per week.

Practice work in each field consists of two types: (1) field work consisting of seven hours each week, one hour of conference each week, and two hours of seminary discussion in alternate weeks; (2) non-resident experience with social institutions, agencies, or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall be at a minimum expense for room and board, during the midwinter practicum, other than that paid to the college from December 9th to 20th, and at no

* Granted leave of absence for the year 1929-30.

† Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

expense for room and board during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, September 30th to December 9th, during which period at least one day a week is given to field work. (2) A mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research, from December 9th to January 3rd in New York, Boston, Philadelphia or elsewhere. (3) January 4th to January 31st, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 4th to June 4th, during which time the student will give one day a week to field practice work, with the exception of the spring vacation. (5) The summer practicum from June 9th to August 2nd, during which time the student will give all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the College, and during the mid-winter and summer practica is under the careful supervision of an instructor of the Department. After one year of work in this department one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office, or in a manufacturing or mechanical establishment in Philadelphia, New York, New England, or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department, or business firm.

Students entering the Department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work, or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work, or a seminary in social and industrial research.

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

GRADUATE COURSES

The seminaries and courses described below may be elected subject to the approval of the Director of the Department by students working for

*Certificates
and
Degrees*

*Graduate
Courses*

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 35 to 38.

the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research, or may be offered as the associated or independent minor with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council.

Seminary in Social and Industrial Research: Dr. Kingsbury.*

Three hours a week throughout the year.

(Given in each year)

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information, and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations, or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations, and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis, and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed, and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results, and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see pages 145 and 146). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Seminary in Administration of Social Agencies: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in 1931-32)

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*

(Given in 1930-31)

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems, including a review of the outstanding contributions in the subject, and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed, and their application in connection with further research indicated.

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by a Lecturer to be announced later.

Seminary in Social Relationships: Dr. Hart.*Two hours a week throughout the year.**(Given in each year)*

Principles of social relationships will be worked out inductively through the study of actual group life. Applications of these principles will be developed through analysis of relationships within the family, relationships between delinquents and society, and relationships between races and between native-born and foreign-born peoples. Collections of case studies in these fields will be analyzed and projects involving original research in this and allied fields will be undertaken.

Seminary in Social Origins: Dr. Hart. Two hours a week throughout the year.*(Given in each year)*

Problems related to the nature of social progress and the methods whereby it can be achieved will be studied by members of the seminary. The course will begin with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York, or Washington. The natural laws of invention and of diffusion of culture will be studied inductively by analyzing the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies will be worked out in specific instances. Various prognoses as to the future of our civilization will be reviewed in relation to the foregoing material, and principles essential to sound social reform will be developed.

Seminary in Research in Sociology: Dr. Hart.*Two hours a week throughout the year.**(Given in each year)***Seminary in Community Organization and Administration: Dr. Hart.***Three hours a week throughout the year.***Laboratory and Field Work.***Seven hours a week throughout the year.**(Given in each year)*

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions, and research and propaganda agencies, forms the subject-matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of the students' work. Special attention is given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work, and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Kingsbury and the director of the particular agency or department and is so arranged as to give to the student training during the academic year and the midwinter and summer practica (see pages 145 and 146) in some one or more of the following activities:

(1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.

(2) Regular daily management as assistants and later as directors.

(3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts, and lectures, in public speaking and writing, and in conducting financial campaigns and special studies.

(4) Teaching in night schools of classes in civics and elementary subjects, and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.

(5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds, and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association, and work in smaller neighboring communities.

Seminary in Labour Organization: Dr. Dulles.

Two hours a week throughout the year

(Given in each year)

Some of the forces found in modern industry, the inequality of distribution, and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work, and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories, and various state and private organizations which are concerned with employment, vocational guidance, and legislative reform.

Seminary in Industrial Relations: Dr. Dulles.

Three hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The aim of this seminary is to secure an understanding of actual conditions, methods and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labour, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical comparisons of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labour exchanges, government agencies, scientific management, industrial poisons, and other topics are included in the course. Actual cases are studied and observation trips give the student first hand information regarding present day conditions and methods.

The Field work in the factories and stores, which is a part of the work of this seminary, is accompanied in alternate weeks by a two-hour discussion period on the practical problems which the student must meet.

This seminary must be accompanied by the Seminary in Labour Organization.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Dulles.

Two hours a week throughout the year.

(Given in each year)

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.*Three hours a week throughout the year.**(Given in each year)***Laboratory and Field Work.***Seven hours a week throughout the year.*

The object of this course will be to understand the basis of each human being's inability to maintain himself, as well as to interpret his reactions and behavior in terms of his life experiences and relationships, and utilize this evaluation in carrying out treatment. Coincident with this endeavor the various processes of case work will be discussed. The seminary also includes case recording, evaluation of case material, of the community resources essential for treatment, and of the case worker's relationship to these resources.

The Practicum in Social Case Work during the past year has consisted of field work carried on 14 hours per week and a mid-winter and a summer practicum (see pages 145 and 146) with the following agencies: The Family Society of Philadelphia, the Children's Aid Society, the Children's Bureau, and the International Institute. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the particular agency or department.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.*Two hours a week throughout the year.*

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.*Two hours a week throughout the year.*

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Social Statistics: Dr. Kingsbury.**Two hours a week throughout the year.**(Given in each year)*

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions, and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is presupposed. This course is required of all graduate students in the Department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.*One-half hour a week throughout the year.**(Given in each year)*

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

Social Economy Journal Club: Dr. Kingsbury,* Dr. Hart and Dr. Dulles.*Two hours once a fortnight throughout the year.*

Current articles are reviewed, recent reports, surveys and investigations are criticised, and the results of important research are presented for discussion.

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by an Instructor to be announced later.

*Free
Elective
Courses*

FREE ELECTIVE UNDERGRADUATE COURSES

Elements of Statistics: Dr. Kingsbury.* *One hour a week throughout the year.*
(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, averages, graphic methods, measures of variation, theory of sampling, index numbers, theory of probability and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state, and federal offices, to business organizations, and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart. *Two hours a week throughout the year.*
(Given in each year)

A basic theory of social motivation and of the relationships between human purposes is developed inductively from case studies. This theory is applied to problems which arise from living in social relationships—in the family, the neighborhood, the school, the place of employment, the church, the state and so forth. The conclusions arrived at are compared with the positions taken by leading sociologists and students of social problems. A course in a social science is prerequisite for this course.

Social Anthropology: Dr. Hart. *Three hours a week throughout the year.*
(Given in each year)

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique of social progress. A course in social science is prerequisite for this course.

Labour Problems: Dr. Dulles. *Three hours a week throughout the year.*
(Given in each year)

The present day problems of Labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labor, compensation, social insurance, welfare work, and the radical experiments of labor. The significance of workers' education and of the various labour colleges and schools is stressed, with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

The following seminars offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.† *Two hours a week throughout the year.*

Seminary in Politics: Dr. Fenwick. *Three hours a week throughout the year.*
(Not given in 1929-30)

Seminary in Economics or Politics: Dr. Wells. *Two hours a week throughout the year.*
(Given in each year)

* Granted leave of absence for the year 1929-30. The courses announced by Dr. Kingsbury will be given by an Instructor to be announced later.

† Granted leave of absence for the year 1929-30. This seminar will be given by Dr. Duncan.

Psychological Seminary: Dr. Leuba.* *Two hours a week throughout the year.*
(Not given in 1929-30)

Seminary in Social Psychology: Dr. Leuba.*
Two hours a week during the second semester.
(Not given in 1929-30)

Seminary in Experimental and Systematic Psychology: Dr. Helson.
Three hours a week throughout the year.
(Given in each year)

Seminary in Advanced Mental Measurements: Dr. Rogers.
Two hours a week throughout the year.

Seminary in Advanced Educational Psychology: Dr. Rogers.
Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers and Dr. Hamilton.
Three hours a week throughout the year.

Philosophy

PROFESSORS: THEODORE DE LEO DE LAGUNA, Ph.D.
GRACE MEAD ANDRUS DE LAGUNA, Ph.D.

GRADUATE COURSES

Five hours a week of seminary work and graduate lectures are offered each year to graduate students of philosophy, accompanied by the direction of private reading and original research.

A seminary in the history of philosophy is offered each year and a seminary in ethics and one in logic and metaphysics are offered in alternate years. The subjects of study are changed from year to year through a cycle of four years. Ten hours a week of undergraduate courses are also open to graduate students. Students electing philosophy as their major subject for the degree of Doctor of Philosophy may emphasize either metaphysics or ethics.

Graduate Courses

Seminary in Ethics: Dr. Theodore de Laguna.
Two hours a week throughout the year.
(Given in alternate years)

1929-30: English Evolutionary Ethics, as exemplified in the writings of Darwin, Spencer, Clifford, Stephen, Alexander, and Hobhouse, and as criticized by Green, Sorley, Huxley, Pringle-Pattison, and Rashdall.

Special attention is given to the problem of determining the nature and limitations of the genetic method as applied in ethical research.

1931-32: The History of Ethics in the Seventeenth and Eighteenth Centuries.

A brief preliminary survey is made of the Greek systems which have most strongly influenced modern theory.

* Granted leave of absence for the year 1929-30.

Seminary in Logic and Metaphysics: Dr. Grace de Laguna.*Two hours a week throughout the year.**(Given in alternate years)*

The first semester is devoted to Neo-Realism, the second semester to Critical Realism.
1930-31: English Empiricism.

Special attention is paid to its connection with Associationism and to the development of the theory of scientific method.

1932-33: Contemporary Realism.

Seminary in the History of Philosophy: Dr. Theodore de Laguna and Dr. Grace de Laguna.*Two hours a week throughout the year.**(Given in each year)*

1929-30: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes, and in the second semester on Spinoza and Leibniz.

This seminary is conducted by Dr. G. de Laguna.

1930-31: The Philosophy of Kant, with especial reference to the Critique of Judgment.

Journal Club**Philosophical Journal Club: Dr. Theodore de Laguna, Dr. Grace de Laguna.***Two hours once a fortnight throughout the year.*

The advanced students and the instructors meet to report on and discuss recent reviews and philosophical articles.

Psychology**PROFESSORS:**

JAMES H. LEUBA, * Ph.D.

AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: HARRY HELSON, Ph.D.**LECTURER:**

CLARENCE LEUBA, Ph.D.

GRADUATE COURSES**Graduate Courses**

Ten hours a week seminary work and graduate lectures are offered each year to graduate students of psychology, accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. The books needed by the graduate students are collected in the seminary library of the department. No undergraduates are admitted to graduate courses or to the seminary library, but the first and second year courses of the department amounting to ten hours a week may be elected by graduate students. The laboratory of experimental psychology is open to graduate students for research work. Students may offer either Social Psychology or Experimental Psychology as a major subject for the degree of Doctor of Philosophy.

Psychological Seminary: Dr. Leuba.* *Two hours a week throughout the year.**(Not given in 1929-30)*

As the foundation of the work of the seminary one or two of the following subjects will be chosen each year: the psychology of mental and moral deficiencies with reference to the social problems they present, including case studies and research work in problems of delinquency; social psychology; chapters in abnormal psychology and the Freudian psychology; the fundamental principles of psychology; the psychology of religion and ethics.

* Granted leave of absence for the year 1929-30.

Seminary in Social Psychology: Dr. Leuba.*Two hours a week during the second semester.**(Given in 1930-31)*

Abnormal Psychology, chiefly Mental and Moral Deficiencies, and their Social Implications; or Personality and Character.

This half-seminary together with another half-seminary given in the first semester, may be counted as a seminary by students in the Department of Social Economy and Social Research.

Seminary in Experimental and Systematic Psychology: Dr. Helson.*Three hours a week throughout the year.**(Given in each year)*

This seminary is intended, primarily, to give a systematic presentation of the literature of experimental psychology. Due consideration, however, will be given to all points of systematic importance. The work is grouped about the following topics: sensation, the simpler sense complexes, perception and ideas, feeling and the affective processes, attention, action, and the intellectual processes (memory, association, imagination, etc.). The course covers three years; but the topics chosen and the time devoted to each vary from year to year according to the needs of the students.

Seminary in Research Problems: Dr. Helson.*Two or more hours a week throughout the year.**(Given in each year)*

This course is intended for students who wish to be trained in research work. Methods of measurement, particularly modern psychophysics, practise in observation, and acquaintance with standard types of apparatus will be stressed. The instructor will co-operate with the students in the solution of some original problems.

Seminary in the History of Psychology: Dr. Helson.*Two hours or more a week throughout the year.**(Given in 1929-30)*

The work of this seminary will consist of three parts: (1) lectures by the instructor in which the history of psychology will be treated through the consideration of fundamental problems; (2) readings and reports by students involving the use of sources; (3) a semester paper upon some selected topic in which the student's ability to organize and criticize material will be tested.

Psychological Journal Club: Dr. Leuba,* Dr. Helson and Dr. C. Leuba.*Two hours alternate weeks throughout the year.***Journal
Club**

The advanced students meet with the instructors to hear or read reports on the literature of the subject and on the work done in the laboratory.

For graduate work in Educational Psychology see below, under "Education."

Education

This Department is organized in part from the Phebe Anna Thorne Endowment and is connected with the Phebe Anna Thorne School

PROFESSOR:	AGNES LOW ROGERS, Ph.D.
ASSOCIATE PROFESSOR:	ILSE FOREST, Ph.D.
INSTRUCTOR:	CECELIA IRENE BAECHLE, M.A.
RESEARCH ASSISTANT AND INSTRUCTOR:	FRANCES MARGUERITE CLARKE, Ph.D.
ASSISTANT IN THE EDU- CATIONAL CLINIC:	E. LOUISE HAMILTON, Ph.D.

* Granted leave of absence for the year 1929-30.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate, and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for their degrees.

Students offering themselves as candidates for these degrees in Education must have studied in undergraduate courses: Psychology for 10 semester hours, Principles of Education for 4 semester hours, and Sociology, Statistics, or Education singly or in any combination for 6 semester hours.

THE PHEBE ANNA THORNE SCHOOL

The Phebe Anna Thorne School opened in the autumn of 1913 under the direction of the Bryn Mawr College Graduate Department of Education. It is maintained in part by an endowment of one hundred and fifty thousand dollars given by the executors of the estate of the late Phebe Anna Thorne to perpetuate her deep interest in school education and her desire to further research in the best methods of teaching school subjects. In 1922 the Phebe Anna Thorne School Association was organized and since then the school has been operated on a new financial basis. The Phebe Anna Thorne School is an integral part of the Graduate Department of Education and affords its students an opportunity to follow the work of the teachers of the school and discuss in seminars conducted by the professors of education the various problems of teaching and administration as they arise from day to day. Pupils are admitted to the pre-school class at four years and to the primary department at five years of age and to the elementary course at nine or ten years of age and will be fitted to enter Bryn Mawr and other colleges on the completion of a seven or eight years' school course. Candidates for the Teacher's Certificate or for higher degrees will be given an opportunity of attending systematic observation classes in the Phebe Anna Thorne School. It is believed that the opportunity of studying the newest approved methods of secondary teaching will enable teachers who have studied in the Graduate Department of Education to teach more efficiently and to command materially higher salaries.

A limited number of Apprentice Teachers are taken in the Phebe Anna Thorne School, who give one-third of their time to the School. The remaining two-thirds of their time are given to graduate work in Bryn Mawr College. This work is directly related to the school work. One-third must be in methods of teaching in their field. The rest may be Educational Psychology, Child Psychology or in the subjects to be taught.

GRADUATE COURSES

Graduate Courses

Six hours a week of seminary work are offered in each year to graduate students of education. In addition there are offered observation classes in the Phebe Anna Thorne School and other schools. The Department of

Education also conducts an Educational Clinic in which examinations are made and advice given in regard to cases of retardation in special school subjects, general retardation, or any other maladjustment to school environment. Students electing education as their major subject for the degree of Doctor of Philosophy may elect educational psychology, educational methodology, economics, social economy, social history, social psychology, or experimental and systematic psychology, as the associated minor. The list of approved independent minors will be found in the Regulations of the Academic Council.

Dr. Rogers will offer one of the following seminars in accordance with the need and preparation of the students.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers and Dr. Hamilton.

Three hours a week throughout the year.

This seminary gives training in the diagnosis of educational difficulties at all levels and also practical experience in giving remedial treatment as well as a critical study of the diagnosis and remedial methods now in use. The seminary is recommended to students preparing for work in child guidance clinics, for child welfare work and as visiting teachers.

Seminary in Advanced Mental Measurements: Dr. Rogers.

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement and to training in research in applied psychology.

Seminary in Advanced Educational Psychology: Dr. Rogers.

Two hours a week throughout the year.

The main problems of educational psychology, and especially the psychology of elementary and high school subjects are studied from a theoretical and experimental point of view.

Seminary in Social Education: Dr. Forest.

Two hours a week during the first semester.

(Not given in 1929-30)

Seminary in Theory of Education: Dr. Forest and Miss Baechele.

Two hours a week throughout the year.

(Given in each year)

This seminary is organized to give students experience in recognizing and solving in actual practice some of the problems inherent in teaching their major subject to high school and elementary school pupils. The work will include a study of child development and behavior in direct relation to problems of curriculum making and class room method. The seminary is planned with special reference to the needs of students taking their first year of graduate study in education.

Seminary in Principles of Education: Dr. Forest.

Two hours a week throughout the year.

(Not given in 1929-30)

This seminary will be devoted to the study of modern educational theory, and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method, and school administration directly in line with the interests of individual students will be discussed in the seminary, and will in so far as possible determine the content of the theoretical readings in the philosophy of education.

Journal Club in Education: Dr. Rogers, Dr. Forest and Miss Baechele.

Two hours once a fortnight throughout the year.

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism.

**Journal
Club**

Classical Archæology

PROFESSOR:	RHYS CARPENTER,* Ph.D.
ASSOCIATE PROFESSORS:	MARY HAMILTON SWINDLER, Ph.D. PRENTICE DUELL,† M.Arch.
LECTURER:	CHARLES H. MORGAN, Ph.D.

Two archæological seminaries of two hours a week each and a graduate lecture course of one hour a week throughout the year are offered to graduate students who have done elementary archæological work, and also a journal club meeting one and a half hours a fortnight. In addition individual students will be directed in special work by means of private conferences.

GRADUATE COURSES

Graduate Courses

Two seminaries in archæology, a graduate course, and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable*, and familiarity with both Greek and Latin, though not required, is of the utmost value for graduate work in archæology.

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman Coins, facsimiles of gems and seals, and a collection of original vase fragments many of which are by Roman masters.

Students electing classical archæology as a major subject for the degree of Doctor of Philosophy must have taken the major undergraduate course in Greek and the first year undergraduate course in Latin or courses equivalent to these.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1929-30: Archaic Greek Sculpture.

1930-31: Ægean Archæology with Emphasis on the Recent Discoveries in Crete and Mycenæ.

1931-32: Ancient Painting, including a Detailed Survey of Cretan Frescoes, Painted Plaques, Stelæ, and Sarcophagi, Greek Vases, Paintings found in Etruscan Tombs, Pompeian Wall Decoration, and the Mummy Portraits from the Fayum.

Archæological Seminary: Dr. Morgan. *Two hours a week throughout the year.*
(Given in each year)

This seminary is open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

1929-30: Fourth Century Greek Sculpture.

1930-31: Fifth Century Greek Architecture.

1931-32: Hellenistic Architecture.

*Granted leave of absence to fill the post of Director of the School for Classical Studies in Athens.

† Granted leave of absence for the year 1929-30.

Greek Epigraphy: Dr. Carpenter.*

*One hour a week throughout the year.**(Given in each year)*

In the first semester the origin of the Greek alphabet and the epichoric forms are studied. Roehl's *Imagines* and Part I of Robert's *Introduction to Greek Epigraphy* are used as textbooks. In the second semester a variety of inscriptions of artistic and topographic interest are read. The emphasis is archæological rather than linguistic or politico-historical.

Archæological Journal Club: Dr. Carpenter,* Dr. Swindler, Mr. Duell† and Dr. Morgan.
One and a half hours a fortnight throughout the year.

**Journal
Club**

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

History of Art

PROFESSOR:

GEORGIANA GODDARD KING, M.A.

ASSOCIATE PROFESSOR:

ERNST DIEZ, ‡ Ph.D.

LECTURER:

EDWARD S. KING, M.F.A.

GRADUATE COURSES

Four hours a week of seminary work are offered each year to graduate students of history of art accompanied by the direction of private reading and original research, and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminars announced, other courses will be provided as need for them arises, and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to ten hours a week may be elected by graduate students.

**Graduate
Courses**

Seminary in History of Art: Miss King. *Two hours a week throughout the year.*

(Given in each year)

1929-30: Romanesque Origins; Sculpture.

The sources of Romanesque figure-sculpture, especially in Italy, France and Spain, will be studied and its development traced with due consideration of current theories as to priority, influence and outcome. In another year the work will be devoted to architecture, and the theories of Dieulafoy, Rivoira and Strzygowski will be examined and appraised, and special regions particularly studied, while the students give close attention to individual monuments. This course may be varied from year to year so as to permit a student's following it for more than one year, if desirable.

1930-31: Spanish Painting; Early Manuscripts to the Primitives, ending arbitrarily in 1550.

1931-32: Spanish Painting; The Golden Century.

In this course the sources and development of Spanish painting are considered, from the early miniature down to the work of living painters, a single epoch being selected in any one year. Students are expected to learn something about the Spanish character and history and to make short trips to see paintings on exhibition in America.

Either in 1932-33 or in the following year the subject will be Renaissance Sculpture and the students will be expected to study the various aspects of the art in the different countries of Europe, as well as the development of particular sculptors.

* Granted leave of absence.

† Granted leave of absence for the year 1929-30.

‡ Granted leave of absence for the second semester of the year 1929-30.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature, and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain æsthetic problems will be considered in successive years.

Seminary in History of Art: Dr. E. Diez.*

Two hours a week throughout the year.

(Given in each year)

1929-30: Oriental Art.†

Different problems of Mohammedan, Indian, and Far Eastern Art will be treated. Emphasis will be placed upon discussion of the relations between Western and Eastern Asiatic art.

1930-31: The Origin and Problems of Baroque Art in Italy and Other Countries.

The transition from Renaissance to Baroque in architecture as well as in sculpture and painting will be studied. Emphasis will be placed upon reading and commenting on the literature of the Baroque period.

1931-32: Introduction in the Research Methods of History of Art.

Tuscan Painting in the Trecento: Mr. E. S. King.

Two hours a week in the second semester.

(Given in 1929-30)

**Journal
Club**

Journal Club in the History of Art: Miss King, Dr. E. Diez and Mr. E. S. King.*

Two hours once a fortnight throughout the year.

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archæology and the History of Art and for discussion of current exhibitions.

**Advanced
Courses**

ADVANCED UNDERGRADUATE COURSES

Spanish Primitives: Miss King.

Three hours a week throughout the year.

(Given in 1929-30)

This work will begin with a consideration of the Mozarabic and proto-Mudéjar manuscripts and will be occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting will be taken into account and the study will stop arbitrarily at 1550.

Spanish Architecture: Miss King.

Three hours a week throughout the year.

(Given in 1930-31)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the work will be devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Renaissance Sculpture: Miss King.

Three hours a week throughout the year.

(Given in each year)

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art, and in especial to figure sculpture in France and Spain from the finishing of the Cathedrals to the close of the Renaissance. The great sculptors of Germany will be studied carefully in between. The course is illustrated with photographs and lantern slides.

* Granted leave of absence for the second semester of the year 1929-30.

† Owing to Professor Diez' leave of absence this seminary in the second semester will be conducted by Mr. E. S. King and the subject will be "Tuscan Painting in the Trecento."

Oriental Art: Dr. E. Diez.

Two hours a week during the first semester.

(Given in 1929-30)

This course consists of a general historical background and the consideration of special problems, such as the influence of Buddhism upon art and the inter-relation of Chinese and Japanese painting. Emphasis also is placed on the æsthetic differences between the fine arts in the East and in the West. Completion of the first year course, Art of the Far East, is a prerequisite.

Baroque Art: Dr. E. Diez.

Two hours a week throughout the year.

(Given in 1930-31)

This course deals with the origin of Baroque architecture, sculpture and painting in Italy and with the history of this art in Italy, Austria, Germany, France and Spain. The spirit of the ecclesiastical and the secular Baroque as expression of the power of the Church and the Empire will be discussed. Emphasis will be placed upon the great cupola and ceiling fresco paintings, in churches and castles, on the origin of modern theatrical stage art and the art of town building in the seventeenth and eighteenth centuries.

Music

PROFESSOR: HORACE ALWYNE, F.R.M.C.M.

GRADUATE COURSES

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

Canon and Fugue: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

*Graduate
Courses*

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tone-quality, range, technique, etc.—with the grouping of the instruments—strings, woodwind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

Mathematics

ASSOCIATE PROFESSOR: DAVID VERNON WIDDER, Ph.D.

ASSOCIATE: MARGUERITE LEHR, Ph.D.

NON-RESIDENT LECTURER: ANNA PELL-WHEELER, Ph.D.

GRADUATE COURSES

Graduate Courses

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by the direction of private reading and original research. The subjects vary from year to year so that the seminaries may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students. Students who elect mathematics as a major subject for the degree of Doctor of Philosophy are required to elect mathematics also as an associated minor.

Differential Geometry: Dr. Lehr.

Two hours a week throughout the year.

(Given in 1929-30)

Theory of Functions of a Complex Variable: Dr. Widder.

Two hours a week during the first semester.

(Given in 1929-30)

This course includes the Cauchy and Weierstrass developments. Doubly periodic functions and analytic extension are two topics which are discussed.

Calculus of Variations: Dr. Wheeler. *Two hours a week during the first semester.*

(Given in 1929-30)

Theory of Functions of a Complex Variable: Dr. Wheeler.

Two hours a week during the second semester.

(Given in 1929-30)

Advanced Function Theory: Dr. Widder.

Two hours a week during the second semester.

(Given in 1929-30)

Geometry on a Curve: Dr. Lehr.

Two hours a week throughout the year

(Given in 1930-31)

Considerations of linear systems of plane curves and of rational and birational transformations lead to the theory of linear systems of groups of points on an algebraic curve, and the characterization of curves by such systems, as obtained by Bertini, Castelnuovo, and Severi.

Higher Algebra: Dr. Wheeler. *Two hours a week throughout the year.*
(Given in 1930-31)

Mathematical Physics: Dr. Widder. *Two hours a week throughout the year.*
(Given in 1930-31)

Theory of Linear Integral Equations: Dr. Pell-Wheeler.
Two hours a week throughout the first semester.
(Given in 1931-32)

The classical theories of Volterra, Hilbert and Schmidt form the major part of the course.

Theory of Linear Equations in Infinitely Many Variables: Dr. Pell-Wheeler.
Two hours a week throughout the second semester.
(Given in 1931-32)

Partial Differential Equations of Mathematical Physics: Dr. Widder.
Two hours a week throughout the year.
(Given in 1931-32)

Mathematical Journal Club: Dr. Widder, Dr. Lehr and Miss Anderson.
One hour a fortnight throughout the year.

**Journal
Club**

The journal club holds fortnightly meetings at which reports on special topics or memoirs are presented by the instructors and the graduate students.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students, and a reading knowledge of French and German is presupposed.

**Advanced
Courses**

The advanced courses chosen from any one year amount to eight hours a week. The courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Widder. *Three hours a week throughout the year.*

Applications of Calculus: Dr. Wheeler. *Two hours a week throughout the year.*

Modern Geometry: Dr. Lehr. *Three hours a week throughout the year.*

Projective Geometry: Dr. Lehr. *Two hours a week throughout the year.*

Introduction to the Theory of Functions of a Real Variable: Dr. Wheeler.
Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of mathematics.

Introduction to the Theory of Functions of a Complex Variable: Dr. Widder.
Three hours a week throughout the year.

This course is open only to students who have had thirty semester hours of mathematics

Physics

PROFESSORS: WILLIAM B. HUFF, Ph.D.
JAMES BARNES, Ph.D.

GRADUATE COURSES

Graduate Courses

The graduate seminars consist of lectures, laboratory work, and original research under the direction of the instructors, the subjects varying from year to year so that the seminars may be pursued by students through consecutive years. A good working library containing the current and bound numbers of all the important physical journals is kept in the laboratory. Students electing physics as their major subject for the degree of Doctor of Philosophy may elect it also as the associated minor, provided either mathematics or applied mathematics is taken as the independent minor; or mathematics or applied mathematics may be taken as the associated minor.

Seminary in Physics: Dr. Huff.

Three hours a week throughout the year.

(Given in alternate years)

1930-31: Radio-activity and Discharge of Electricity Through Gases. *1st semester.*

The earlier lectures treat of the effects of fields on the path of a moving charged particle. A discussion of typical experimental methods of measuring velocity and the ratio of charge to the mass follows. After a study of the phenomena of electrical discharge and of radio-activity a brief account of theories is given.

Electron Theory.

2nd semester.

In the Electron Theory the mathematical development of the subject is first dealt with and this is followed by experimental tests of theory.

Seminary in Physics: Dr. Barnes.

Three hours a week throughout the year.

(Given in alternate years)

1929-30: Radiation.

The modern developments of radiation from cosmic to infra-red will be considered.

1931-32: A General Mathematical Discussion of Physical Optics.

Students will be expected to give detailed reports on the methods and results of investigations which illustrate the theory. When it seems desirable two and a half hours of experimental work will be substituted for one hour of the seminary.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. A knowledge of differential and integral calculus is required. These lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it, and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student. Graduate students may be permitted to take the lectures without the laboratory work. In addition to the laboratory work which accompanies the lectures a student may take extra laboratory work sufficient to make the courses equivalent to five hours a week.

Electricity and Magnetism: Dr. Huff. *Three hours a week throughout the year.**(Given in 1929-30)*

The lectures of this course treat typical mathematical and experimental problems chosen from the various parts of the entire subject. A large number of problems on potential and attraction are assigned.

Properties of Matter: Dr. Huff. *Three hours a week during the first semester.**(Given in 1931-32)*

The lectures cover the general subject of the properties of matter studied from the point of view of the Molecular Theory. The different theories of matter are discussed and an account of recent investigations concerning the relations of matter and electricity is given. Poynting and Thomson's *Properties of Matter* is read in connection with the course.

Theory of Sound: Dr. Huff. *Three hours a week during the second semester.**(Given in 1931-32)*

The lectures form an introduction to the theory of modes of vibration of pipes, strings, and rods. The theory of music and musical instruments is then studied. Poynting and Thomson's *Sound* is used during the earlier part of the course, and frequent references are made to Helmholtz and Rayleigh.

General Optics: Dr. Barnes. *Three hours a week throughout the year.**(Given in 1932-33)*

These lectures give a general discussion of the theories advanced to explain many phenomena in light. Students are required to have a good knowledge of elementary optics and to be sufficiently familiar with optical apparatus to undertake a detailed study of some special problem. The books on optics by Drude, Wood and Schuster are used for reference.

Spectroscopy: Dr. Barnes. *Three hours a week during the first semester.**(Given in 1930-31)*

The course begins with a complete discussion of the apparatus used in this subject; the results of past and present investigations are then considered, and problems for investigation are pointed out. The many important applications of spectroscopy to astronomy and atomic structure are not neglected. The standard books of reference are Kayser's *Handbuch der Spectroscopie* and Sommerfeld's *Atom Structure and Spectral Lines*. Detailed reports of laboratory investigations are required.

Astrophysics: Dr. Barnes. *Three hours a week during the second semester.**(Given in 1930-31)*

This course consists of lectures on the application of physical principles and methods to the study of the composition, structure, and motions of the heavenly bodies. Selected chapters in Moulton's *Celestial Mechanics* and many papers from the *Astrophysical Journal* will be read and discussed.

Chemistry

PROFESSOR: JAMES LLEWELLYN CRENSHAW, Ph.D.
 ASSOCIATE PROFESSOR: LOUIS FREDERICK FIESER, Ph.D.
 INSTRUCTOR: EDITH HAMILTON LANMAN, M.A.

GRADUATE COURSES

The graduate courses in chemistry consist of lectures upon inorganic, organic, and physical chemistry, seminars, reports upon current chemical literature, and laboratory work. A reading knowledge of French and German is indispensable.

*Graduate
Courses*

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw, or in organic chemistry under the direction of Dr. Fieser.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw.

One hour a week throughout the year.

(Given in each year)

The work of the seminary consists of lectures, required reading, and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Fieser.

One hour a week throughout the year.

(Given in each year)

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which the student is engaged.

Graduate Organic Chemistry: Dr. Fieser.

One hour a week throughout the year.

(Given in each year)

Lectures, reading, and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

**Journal
Club**

Chemical Journal Club: Dr. Crenshaw, Dr. Fieser, and Miss Lanman.

One hour a week throughout the year.

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work amounting to at least four and a half hours a week is designed to prepare the students for physico-chemical research. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Advanced Organic Chemistry: Dr. Fieser.

Two hours a week throughout the year.

(Given in each year)

The course consists of lectures, assigned reading with occasional reports, and laboratory work. During the past year the following subjects received particular emphasis: free radicals, quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, the quinones, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

The course may be taken without laboratory work for two hours of credit. Students are advised to take the course for five hours of credit or, when this is not possible, to omit the laboratory work altogether. When the course is offered as a seminary the student is required to devote to it one-third of her time.

Inorganic Chemistry: Miss Lanman.

One hour a week throughout the year.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work of six hours a week consists of advanced quantitative analyses. When this course is offered as a seminary the student is required to devote to it one-third of her time.

Geology

ASSOCIATE PROFESSOR: MARLAND PRATT BILLINGS, Ph.D.

ASSOCIATE: RALPH STEWART, Ph.D.

GRADUATE COURSES

The seminaries in petrology and crystallography should be preceded by the major and advanced undergraduate courses or their equivalents and are intended primarily for graduate students wishing to make inorganic geology a major subject for the degree of Doctor of Philosophy. The seminary in crystallography is also intended to meet the needs of graduate students in chemistry who wish to make crystallography a minor subject for the degree of Doctor of Philosophy. The seminary in invertebrate palæontology is designed primarily for graduate students wishing to make organic geology a major subject for the degree of Doctor of Philosophy. Further seminaries in petrology and palæontology will be arranged to suit the requirements of candidates for the degree of Doctor of Philosophy and research problems will be assigned.

Students may specialize either in petrology and crystallography, under the direction of Dr. Billings, or in stratigraphic geology and palæontology, under the direction of Dr. Stewart, but students who make inorganic geology the major subject of examination must take either organic geol-

*Graduate
Courses*

ogy, economic geology or inorganic chemistry as the associated minor and students who elect organic geology as the major subject, must take either inorganic geology or biology as the associated minor.

Seminary in Petrology or Crystallography or Metamorphic Geology:
Dr. Billings.

Three hours a week throughout the year.

(Given in each year)

The seminary is conducted by means of lectures, informal discussions, required reading, laboratory work, and formal reports. The selection of subjects in petrology is dependent upon the needs of the individual students and is varied from year to year. In crystallography direction is given in crystal measurement with the two-circle goniometer, in crystal projection, and crystal drawing. When metamorphic geology is the subject of the seminary the products and processes of anamorphism and katamorphism are investigated and classified.

Seminary in Invertebrate Palæontology or Economic Geology: Dr. Stewart.

Three hours a week throughout the year.

(Given in each year)

Invertebrate Palæontology.

The course is intended as an introduction to research work in palæontology. Practice is given in preparation of material and in identification. Several biologic groups are traced through their geologic range.

Economic Geology.

The occurrence and origin of metallic and non-metallic mineral deposits. Practice is given in interpretation of textures and structures of polished ore specimens.

*Journal
Club*

Geological Journal Club: Dr. Billings and Dr. Stewart.

Two hours once a fortnight throughout the year.

The graduate students and the instructors meet for the presentation and discussion of recent geological literature.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

(Given in each year)

1st Semester.

Optical Mineralogy: Dr. Billings.

Three hours a week

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six hours to laboratory and some reading. The course deals with the principles of optical mineralogy and a full training is given in the emersion method of mineral identification. This course is essential for all courses in petrography and petrology.

Prerequisites: elementary geology, historical geology, determinative mineralogy.

2nd Semester.

Descriptive Petrography: Dr. Billings.

Three hours a week.

Laboratory Work: Dr. Billings.

Six hours a week.

Three hours a week are devoted to lectures, six to laboratory and some reading. The course deals with the mineralogy, texture, chemistry, origin, and geographic distribution of igneous rocks.

Prerequisites: elementary geology, historical geology, determinative mineralogy, and optical mineralogy.

(Given in each year)

Stratigraphy and Paleontology: Dr. Stewart.

Three hours a week throughout the year.

Laboratory Work: Dr. Stewart.

Six hours a week throughout the year.

Three hours a week are devoted to lectures, six hours a week to laboratory. The work of the first semester consists of lectures and assigned reading in sedimentation. This is studied by a study of the successive formations and their faunas.

Prerequisites: elementary geology, historical geology, systematic paleontology, and structural geology.

*(Given in each year if the time of the department permits)**1st Semester.*

Glaciology: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Three hours a week are devoted to lectures, six hours to reading. This course considers the erosive and depositional features of mountain and continental glaciers. Particular emphasis is on the Pleistocene, but the earlier Ice Ages are also considered.

Prerequisites: elementary geology and historical geology.

2nd Semester.

Advanced Physiography: Dr. Stewart.

Three hours a week.

Laboratory Work: Dr. Stewart.

Six hours a week.

Three hours a week are devoted to lectures, six hours to reading, laboratory, or field trips. This course deals with land forms and their origin. Selected areas are also studied.

Prerequisites: elementary geology and historical geology.

Biology

PROFESSOR:

DAVID HILT TENNENT, Ph.D.

ASSOCIATE PROFESSOR:

FRANZ SCHRADER, Ph.D.

ASSOCIATE:

DOROTHEA EGLESTON SMITH, Ph.D.

GRADUATE COURSES

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department amounting to nine hours a week may be elected by graduate students. The advanced courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent and Dr. F. Schrader or in physiology or biochemistry under the guidance of Dr. Smith.

Graduate Courses

Seminary in Zoölogy: Dr. Tennent.

*Three hours a week throughout the year.**(Given in each year)*

1929-30: Embryology of Invertebrates.

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation, and a discussion of the bearing of these questions on evolution and inheritance.

1930-31: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

Seminary in Heredity and Sex: Dr. F. Schrader.

Three hours a week throughout the year.

(Given in 1930-31 and again in 1932-33)

The work includes a discussion of biometrical methods; of Mendelism; of cases not interpreted on a Mendelian basis; of the application of genetics to animal and plant breeding; of the determination of sex.

Seminary in Biochemistry: Dr. Smith. *Three hours a week throughout the year.*

(Given in each year)

This course consists of supervised reading on selected topics, and pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite.

Laboratory Work: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

**Journal
Club**

Biological Journal Club: Dr. Tennent, Dr. F. Schrader and Dr. Smith.

One hour a week throughout the year.

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Embryology of Vertebrates: Dr. Tennent.

One hour a week throughout the year.

(Given in 1929-30 and again in 1931-32)

This course consists of lectures, assigned reading, and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of *Amphioxus*, *Ascidian*, *Amia*, *Lepidosteus*, *Squalus*, *Ctenolabrus*, *Necturus*, *Rana*, *Chrysemys*, *Chick*, and *Pig*. At least four hours of laboratory work are required.

The course is divided as follows: first semester, Early stages of Development; second semester, Organogeny.

Protoplasm, the Cell, and Cytological Technique: Dr. Tennent.

One hour a week throughout the year.

(Given in 1930-31)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation, and fertilization. Both plant and animal cells will be studied, and instruction will be given in methods of preparing cytological material for microscopical examination. This course is to be taken with four hours laboratory work as a two-hour course.

Biology of Bacteria and Protozoa: Dr. F. Schrader.

*One hour a week throughout the year.**(Given in 1929-30)*

During the first semester the time is devoted to an introduction to bacteriology, covering the routine bacteriological technique and a consideration of the elementary principles of immunity and infection. In the second semester taxonomy, problems of growth, cell division, regeneration, and reproduction in protozoa are treated. At least four hours of laboratory work a week are required. A special problem is assigned to each student.

Biochemistry: Dr. Smith.

Two hours a week throughout the year.

Laboratory Work.

Six hours a week.

This course deals with the fundamentals of the chemistry of living organisms. Particular emphasis is laid on metabolism. The properties of substances of biological importance are studied. The course is open to either undergraduate or graduate students whose preparation in biology and chemistry is adequate. A knowledge of organic chemistry is essential and students are advised not to attempt the course in biochemistry before completing the course in organic chemistry, but for the present students who are taking, but have not completed, the Major Course in chemistry will be admitted.

Physiology: Dr. Smith.

Three hours a week during the second semester.

Laboratory Work.

Six hours a week.

In this course especial emphasis is laid on general phenomena common to both plants and animals. Vital processes, as far as possible, are studied from the standpoint of physics and chemistry. Knowledge of chemistry, at least equivalent to that given by the Minor Course in chemistry, is indispensable as a basis for the work of this course, and an acquaintance with elementary mathematics and physics is desirable. During the year 1929-30 students who have completed the first semester's work in the Major Course in biology and can meet the pre-requisite in chemistry, may enter this course.

Laboratory Work: Dr. Tennent, Dr. F. Schrader, and Dr. Smith.

It is desirable that as much laboratory work as possible should be done in connection with the course offered above. The object of the laboratory work is to give the student experience in the use of apparatus and in its adaptation to research. Some special problem is assigned to each student; at the end of the year the results of the work are presented in writing.

FREE ELECTIVE COURSE

Theoretical Biology: Dr. Tennent.

*One hour a week throughout the year.**(Given in each year)*

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. Special attention is given to theories of evolution and heredity. A considerable amount of assigned reading is required.

**Free
Elective
Course**

Fellowships and Graduate Scholarships

Date of Application for Fellowships and Scholarships

Application for resident fellowships or scholarships should be made as early as possible to the Dean of the Graduate School, and must be made not later than the fifteenth of February preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

European Traveling Fellowships

Bryn Mawr European Fellowship

The *Bryn Mawr European Fellowship* of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

Mary Elizabeth Garrett European Fellowship

The *Mary Elizabeth Garrett European Fellowship** of the value of \$1,000 was founded by Miss Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student still in residence who has completed at least three semesters† of graduate studies at Bryn Mawr College. The fellowship is to be applied towards the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

Since this fellowship is awarded to assist candidates for the Doctor's degree at Bryn Mawr College to complete their preparation, it is understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

Anna Ottendorfer Memorial Research Fellowship

The *Anna Ottendorfer Memorial Research Fellowship* in German and Teutonic Philology of the value of \$1,200 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some

* By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

† In the case of half-time students, two semesters count as one.

German university and is offered annually to a graduate student who has completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

The Fanny Bullock Workman Fellowship of the value of \$1,500, to be held during a year of study or research abroad, is offered annually to a graduate student studying at Bryn Mawr College. The holder of the fellowship must be a student of proved ability who is working for the degree of Doctor of Philosophy and who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

*Fanny
Bullock
Workman
Fellowship*

Resident or Traveling Fellowship

The Helene and Cecil Rubel Foundation Fellowship of the value of \$1,500 was founded in 1920 by Miss Helene Rubel of New York City, to be awarded in each year by the Faculty of Bryn Mawr College with the approval of the donor. The fellowship may be awarded to any woman who has at any time studied in the graduate school of Bryn Mawr College long enough to have shown her ability irrespective of whether her work is planned to lead to a degree or not, and may be used by the holder, with the approval of the Faculty, in whatever way may best advance the purpose she has in mind. The fellowship may be held at any centre of education that may be selected by the student and approved by the Faculty as best suited to her individual needs, or may, in special cases, be used as a traveling fellowship to give opportunity for the study of conditions in which the student may be interested in different parts of the world. The fellowship shall be awarded to the best student but if she can afford to carry out her plans with her own income she shall return the amount of the fellowship to the college to be used by another student in the same year.

*Helene and
Cecil Rubel
Foundation
Fellowship*

Resident Fellowships

The Helen Schaeffer Huff Memorial Research Fellowship founded in 1913, of the value of \$1,200, is offered annually to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics.

*Helen
Schaeffer
Huff
Memorial
Research
Fellowship*

The fellowship may under exceptional circumstances be awarded in consecutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

Department Fellowships

Twenty-three resident fellowships, of the value of \$810 each, are offered annually in Greek, Latin, English, Romance Languages (two fellowships), German, Biblical Literature, History, Philosophy, Psychology, Education, Archæology, History of Art, Mathematics, Physics, Chemistry, Geology, and Biology, the Justus C. Strawbridge Fellowship in Economics and Politics, two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research, and two Grace H. Dodge Memorial Fellowships in Industrial Relations and Personnel Administration. They are open for competition to graduates of any college of good standing and will be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

DUTIES OF RESIDENT FELLOWS

Duties of Resident Fellows

Fellows are expected to attend all college functions, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the seminaries; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to conform to the Self-Government regulations. They are required to reside in the Graduate Hall and are assigned rooms by the Secretary and Registrar of the College. They are charged the usual fee of seven hundred and thirteen dollars and fifty cents for tuition, board, room rent, infirmary fee and athletic fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Resident Graduate Scholarships

Resident Scholarships

Twenty Graduate Scholarships, of the value of \$350 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing. Scholars may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the President.

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$350 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

**Robert G.
Valentine
Memorial
Scholarship**

Two Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations of the value of \$350 each, are offered annually and are open for competition to graduates of any college of good standing.

**Grace H.
Dodge
Scholarships**

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the Settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

A Scholarship in Music, available for graduate or undergraduate students in need of financial aid is offered each year by the "Music Fund" of Boston, Massachusetts, to students training themselves to become teachers of music in public or private schools or colleges. The value of the scholarship is \$350 to \$500 and it is awarded on the recommendation of Mr. Thomas Whitney Surette, Chairman of the Music Fund, and Mr. Horace Alwyne, Director of the Department of Music. Undergraduates must satisfy the requirements in ear training and pianoforte playing; graduates must be qualified in sight-singing, musical dictation, pianoforte playing and sight reading, harmony, history and appreciation of music (a two-year course).

**Scholarship
in Music**

Graduate Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

**Susan B.
Anthony
Memorial
Prize**

From 1910 to 1928 the Memorial of Susan B. Anthony was a graduate scholarship in social economy or politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. As in the past eighteen years very few such studies have been published, the form of the memorial has been changed to a prize with the consent of the surviving donor, Miss Lucy E. Anthony.

Beginning in June, 1930, it will be awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future.

The award will be made by the President of the College, acting as chairman, and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written, and two from allied or associated departments.

*Scholarships for Foreign Women****Scholarships
for Foreign
Women**

Five graduate scholarships, of the value of one thousand dollars each, are offered annually to women students outside the United States and Canada. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing, that is, a three or four years' university course.† It is *essential* that applicants should be able to speak and understand English. Application for these scholarships should be made before April first. Renewal of the scholarships for a second year will not be granted except in very exceptional cases. Holders of the scholarships are required to be in continuous residence at the college and to follow regular approved courses of study.

The cost of board, residence and tuition for the academic year is \$715, and an additional charge of \$15 a week is made for students who remain at the college during the three weeks of the Christmas and Easter vacations. The value of the scholarship, \$1000, therefore covers more than the fixed college expenses, and the remainder may be applied toward the other expenses which must be met by the student, i. e., traveling expenses to and from Europe, books, laundry, and all incidental personal expenses

DUTIES OF RESIDENT SCHOLARS

**Duties of
Resident
Scholars**

Scholars are expected to reside in the Graduate Hall, to attend all college functions, to wear academic dress and to assist in the conduct of examinations. They may undertake, while holding a scholarship, only a very limited amount of teaching or other paid work, approved in advance by the President. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates, and by letters of recommendation from professors, and should be addressed to the office of the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A. Through coöperation with the Institute of International Education, 2 West 45th Street, New York City, applications from nationals of the countries with which the Institute maintains international student exchange relations, should be addressed to the Institute representatives in those countries:—Austria: Dr. Paul Dangler, Austro-American Institute of Education, I Elizabethstrasse 9, Vienna; Czechoslovakia: Dr. Frantisek Praus, Ministry of Education, Nostic Palace, Prague III; France: Monsieur A. V. Desclos, Office National des Universités et Écoles Françaises, 96 Boulevard Raspail, Paris; Germany: Dr. A. Morsbach, Akademischer Austauschdienst, Schloss Portal III, Berlin C 2; Hungary: Dr. Dennis Jánossey, Ministry of Education, V. Bathory-utca 12, Budapest; Switzerland: Dr. Arthur Rohn, Eidgenössische Technische Hochschule, Zurich.

† For British women the degree of Bachelor of Arts, for French women the *Licence*, for Norwegian and Swedish women the *Cand. Philol.*, or their equivalents are desired.

Students' Loan Fund

The Students' Loan Fund was founded by the Class of 1890 for the use of able students whether or not they hold scholarships who need to borrow money in order to continue their college course, and to receive contributions, no matter how small, from those who wish to aid students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduates and undergraduates students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance with the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$9,000 yields sufficient income at present to provide tuition for one undergraduate or two graduate students at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment
 of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 122,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 2 P. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over twelve thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments, and, in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library*, and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M., and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents, and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes, and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college, and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German, and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

Abhandlungen der Königlichen Bayerischen Akademie der Wissenschaften zu München.	Living Age.
American Mercury.	London Mercury.
*Amherst Graduates' Quarterly.	Mercure de France.
Asia.	Mind and Body.
Atlantic Monthly.	Minerva-zeitschrift.
Bookman.	*Monthly Bulletin of the Carnegie Library of Pittsburgh.
Bookman (English).	Musical Quarterly.
Bookseller.	Nachrichten von der Königlichen Gesellschaft der Wissenschaften Göttingen.
*Bryn Mawr Alumnae Bulletin.	Nation, N. Y.
Bulletin of Bibliography.	Nation and Athenaeum.
*Bulletin of the New York Public Library.	Neue Rundschau.
Century.	New Republic.
China Weekly Review.	New Statesman.
Congressional Digest.	New York Times Index
Contemporary Review.	Nineteenth Century.
Cumulative Book Index.	North American Review.
Deutsche Rundschau.	Nouvelle Revue Française.
Dial.	Nuova Antologia.
Drama.	Outlook.
Edinburgh Review.	Philadelphia Symphony Orchestra Program.
English Review.	Preussische Jahrbücher.
La Esfera.	Public Affairs Information Service Bulletin.
Foreign Affairs.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum.	Quarterly Review.
Göttingische Gelehrte Anzeigen.	Reader's Guide to Periodical Literature.
Harper's Monthly Magazine.	Review of Reviews.
L'Illustration.	Revista de Occidente.
International Index to Periodicals.	Revue Critique d'Histoire et de Littérature.
Irish Statesman.	Revue de Paris.
Jahresverzeichniss der an den deutschen Universitäten und Technischen Hochschulen erschienenen Schriften.	Revue des Deux Mondes.
*Japan Society Bulletin.	Revue Politique et Littéraire; Revue Bleue.
*Johns Hopkins University, Circulars.	
Library Journal.	
Literary Digest.	

* Presented by the Publishers.

Saturday Review.
Scientia.
Scribners Magazine.
Sewanee Review.
Sitzungsberichte der Königlichen Bayerischen Akademie der Wissenschaften.
Sitzungsberichte der Königlichen Preussischen Akademie der Wissenschaften zu Berlin.
*Southern Workman.
Spectator.

Theater Arts Monthly.
(Der) Türmer.
*University of California, Publications
*University of Missouri, Studies.
*University of Nebraska, Studies.
*University of Texas, Studies.
*University of Washington, Studies.
Westermann's Monatshefte.
World's Work.
Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr
El Sol.
*Home News, Bryn Mawr.
London Times.

New York Times.
Philadelphia Public Ledger.
United States Daily.

Art and Archaeology

American Journal of Archaeology.
Die Antike.
Archæologische Ephemeris.
Archiv für Papyrusforschung.
Archivo espanol de Arte y Arqueologia.
Art and Archæology.
Art in America.
L'Arte.
Berliner Museen.
Boletin de la Sociedad Española a Excursiones.
British School at Athens, Annual.
*Bulletin of the Cleveland Museum of Art.
Bulletin of the Metropolitan Museum of Art, New York.
Bulletino della Commissione archæologica comunale di Roma.
*Bulletin of the Rhode Island School of Design.
Burlington Magazine.
Dedalo.
Emporium.
Gazette des Beaux Arts.
International Studio.
Jahrbuch der königlich preussischen Kunstsammlungen.
Jahrbuch des Archäologischen Instituts.

Jahreshefte des Österreichischen Archäologischen Instituts in Wien.
Journal of Egyptian Archaeology.
Journal of Hellenic Studies.
Journal international d'archéologie numismatique.
Mittheilungen und Nachrichten des Deutschen Palästina Vereins.
Mittheilungen des Deutschen Archäologischen Instituts, Athenische Abteilung.
Mittheilungen des Deutschen Archäologischen Instituts, Römische Abteilung.
Monumenti Antichi.
Museum Journal.
*Museum of Fine Arts Bulletin, Boston.
Notizie degli Scavi di Antichità.
Parnassus.
Rassegna d'arte.
Rassegna d'arte Senese.
Revue archéologique.
Revue de l'art.
Rivista d'arte.
Syria.
Zeitschrift des Deutschen Palästina Vereins.
Zeitschrift für bildende Kunst.

Economics and Politics

- *Advocate of Peace.
All Opinions of the U. S. Supreme Court.
- *American Association for International Conciliation, Publications.
American City.
American Economic Review.
American Federationist.
American Journal of International Law.
American Municipalities.
American Political Science Review.
Annalist.
Annals of the American Academy of Political and Social Science.
Columbia Law Review.
Columbia Studies in History, Economics, and Public Law.
Commerce Monthly.
- *Congressional Record.
Economic Journal.
Good Government.
Great Britain, Consolidated List of Parliamentary Publications.
Harvard Business Review.
Harvard Law Review.
Jahrbücher für Nationalökonomie und Statistik.
Johns Hopkins University Studies in Historical and Political Science.
- *Journal du Droit international.
- Journal of Comparative Legislation.
Journal of Criminal Law.
Journal of Political Economy.
Journal of the Royal Statistical Society.
League of Nations Official Journal.
League of Nations Treaty Series.
Local Government Abroad.
Municipal Journal, London.
National Municipal Review.
National Tax Association Bulletin.
Paix par le Droit.
Political Science Quarterly.
Polybiblion; Revue Bibliographique.
Proceedings of the Academy of Political Science.
Public Administration.
Public Management.
Publications of the American Economic Association.
Quarterly Journal of Economics.
- *Revue de Droit international.
Revue Municipale.
Short Ballot Bulletin.
- *U. S. Weekly Commerce Reports.
Yale Review.
Zeitschrift für Kommunal Wirtschaft.
Zeitschrift für Volkswirtschaft, Sozialpolitik u. Verwaltung.

Social Economy and Social Research

- *Advance.
American Child.
American Child Health Association, Transactions.
- *American Flint.
American Journal of Public Health.
American Journal of Sociology.
American Labor Legislation Review.
- *American Pressman.
- *Bakers' Journal.
Better Times.
Bibliographie der Socialwissenschaften.
- *Bridgeman's Magazine.
- *Broom-makers' Journal.
- *Bulletin of the New York State Department of Labor.
Bulletin of the Taylor Society.
- *Carpenter.
- *Chase Economic Bulletin.
Child Health Bulletin.
- *Cigar Makers' Journal.
- *Commercial Telegraphers' Journal.
- Economic World.
- *Electrical Workers' Journal.
- *Elevator Constructor.
Eugenics Review.
Factory.
Family.
- *Garment Worker.
- *Granite Cutters' Journal.
Housing Betterment.
Industrial Arts Index.
Industrial Bulletin.
Industrial Information Service.
- *Institution Quarterly.
- *International Bookbinder.
- *International Engineer.
International Labour Office Publications.
International Labour Review.
- *International Musician.
- *International Woodcarver.
Journal of American Statistical Association.
- Journal of Delinquency.

- Journal of Heredity.
 Journal of Industrial Hygiene.
 Journal of Personnel Research.
 Journal of Social Hygiene.
 *Journeyman Barber.
 *Justice.
 *Labor Bulletin of the Massachusetts
 Bureau of Statistics.
 Labour Magazine.
 Labour Monthly.
 *Law and Labor.
 *Leatherworkers' Journal.
 L'Emancipation.
 Life and Labor Bulletin.
 Locomotive Engineer's Journal.
 *Machinists' Monthly Journal.
 Mental Hygiene.
 *Metal Polishers' Journal.
 Metron.
 Ministry of Labour Gazette.
 *Mixer and Server.
 Monthly Labor Review.
 National Consumers' League.
 National Conference of Social Work,
 Bulletin and Proceedings.
 *Ohio State Institute Journal.
 *Painter and Decorator.
 *Papermakers' Journal.
 *Patternmakers' Journal.
 *Paving Cutters' Journal.
 *Plasterer.
 Playground.
 *Plumbers, Gas and Steam Fitters Journal.
 *Public Health, Michigan.
 *Quarry Workers' Journal.
 *Railroad Telegrapher.
 *Railway Carmen's Journal.
 *Railway Maintenance of Way Employee's
 Journal.
 *Retail Clerks' International Advocate.
 Revue des Etudes Co-operative.
 Revue Internationale de Sociologie.
 *Shoeworkers' Journal.
 *Shop Review.
 Social Forces.
 Social Science Abstracts.
 Social Service Review.
 Sociological Review.
 Sociology and Social Research.
 *Stereotypers' and Electrotypers' Journal.
 Survey.
 System.
 *Tailor.
 *Teamsters', Chauffeurs', Stablemen and
 Helpers' Magazine.
 *Textile Worker.
 *Tobacco Workers' Journal.
 *Trade Union News.
 *Typographical Journal.
 Union Labor Record.
 *U. S. Bureau of Immigration, Publications.
 *U. S. Bureau of Labor Statistics, Bulletin.
 *U. S. Bureau of the Census, Publications.
 *U. S. Children's Bureau, Publications.
 *U. S. Department of Health, Bulletin.
 *University of Illinois, Studies in Social
 Sciences.
 *University of Minnesota, Studies in Social
 Sciences.
 *Welfare Magazine.
 Werdende Zeitalter.
 World Association for Adult Education
 Bulletin.
 *Woodcarver.

Education

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| <p> Child Development Abstracts.
 Childhood Education.
 Education.
 Educational Administration.
 Educational Record.
 Elementary School Journal.
 Forum of Education.
 Harvard Monographs in Education.
 Industrial Education Magazine.
 Journal of Educational Psychology.
 Journal of Educational Research.
 *Journal of the American Association of
 University Women.
 Lehrproben und Lehrgänge.
 National Education Association, Publica-
 tions.
 National Society for the Study of Educa-
 tion Yearbook. </p> | <p> Pedagogical Seminary.
 Progressive Education.
 Revue International de l'Enseignement
 Supérieur.
 Revue Universitaire.
 School and Society.
 School Parent.
 School Review.
 School Science and Mathematics.
 Supplementary Education Monographs.
 Teachers' College Contributions to Educa-
 tion.
 Teachers' College Record.
 Teacher's Journal and Abstract.
 *U. S. Bureau of Education, Bulletin.
 *University of California Publications,
 Education.
 Zeitschrift für pädagogische Psychologie. </p> |
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History

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| <p>American Historical Association, Reports.
 American Historical Review.
 Camden Society, Publications.
 Current History.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.
 History.
 *Illinois State Historical Society Journal.</p> | <p>Jahresberichte der Geschichtswissenschaft.
 Journal of Economic and Business History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Napoleon, revue.
 Pipe Roll Society, Publications.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.</p> |
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Philology and Literature, Classical

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| <p>Ægyptus.
 Bulletin bibliographique et pédagogique du Musée Belge.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Commentationes philologae jenenses.
 Dissertationes philologicae halenses.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.
 Klio.</p> | <p>Le Musée Belge, Revue de Philologie classique.
 Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Untersuchungen.
 Philologus.
 Quellen und Forschungen zur lateinischen Philologie.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.</p> |
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Philology and Literature, General and Comparative

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| <p>Acta Philologica Scandinavica.
 American Journal of Philology.
 Eranos.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica.
 Philological Quarterly.</p> | <p>Philological Society, London, Publications.
 Philologische Wochenschrift.
 Speculum.
 Transactions of the American Philological Association.
 Zeitschrift für die österreichischen Gymnasien.
 Zeitschrift für vergleichende Sprachforschung.</p> |
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Philology and Literature, Modern

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| <p>Anglia.
 Anglistische Forschungen.</p> | <p>Archiv für das Studium der neueren Sprachen.</p> |
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- Archivum Romanicum.
 Arkiv for Nordisk Filologi.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletino della Società Dantesca Italiana.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Chronique des lettres français.
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Dialect Notes.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphoriön.
 Études italiennes.
 Forschungen zur neueren Literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Kieler Studien zur englischen Philologie.
 Korrespondenzblatt des Vereins für niederdeutsche Sprachforschung.
 Kritischer Jahresbericht über die Fortschritte der romanischen Philologie.
 Language, journal.
 (Les) Lettres.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Litteris.
 Malone Society, Publications.
 Marzocco.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Münchener Beiträge zur romanischen und englischen Philologie.
 Muttersprache.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filología Española.
 Revista de Occidente.
 Revista de Estudios Hispánicos.
 Revue Celtique.
 Revue des Langues Romanes.
 Revue de Littérature Comparée.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Français, Publications.
 Société des Textes Français Modernes, Publications.
 Studien zur englischen Philologie.
 Studies in Philology.
 Wiener Beiträge zur englischen Philologie.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und deutsche Literatur.
 Zeitschrift für französische Sprache und Literatur.
 Zeitschrift für romanische Philologie.

Philology and Literature, Semitic

American Journal of Semitic Languages
and Literatures.
Jewish Quarterly Review.
Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
Zeitschrift für ägyptische Sprache und
Altertumskunde.
Zeitschrift für Assyriologie.

Philosophy and Psychology

American Journal of Ophthalmology.
American Journal of Physiological Optics.
American Journal of Psychology.
Annalen der Philosophie.
Année psychologique.
Archives de Psychologie.
Archives of Psychology.
Archiv für die gesammte Psychologie.
Archiv für Geschichte der Philosophie.
Archiv für systematische Philosophie.
British Journal of Medical Psychology.
British Journal of Psychology.
Bulletin de l'Institut Psychologique.
Comparative Psychology Monographs.
Genetic Psychology Monographs.
Hibbert Journal.
International Journal of Ethics.
Journal de Psychologie.
Journal für Psychologie und Neurologie.
Journal of Abnormal and Social Psychology.
Journal of Applied Psychology.
Journal of Comparative Psychology.
Journal of Experimental Psychology.
Journal of Philosophical Studies.
Journal of Philosophy.

Mind.
Monist.
Philosophical Review.
Proceedings of the Aristotelian Society.
Proceedings of the Society for Psychical
Research.
Psychological Abstracts.
Psychological Bulletin.
Psychological Clinic.
Psychological Review.
Psychological Review; Monograph Sup-
plements.
Psychological Review: Psychological In-
dex.
Psychologische Arbeiten.
Psychologische Forschung.
Revue de Métaphysique.
Revue philosophique.
Training School Bulletin, Vineland.
*University of Toronto Studies, Psychology
Series.
Zeitschrift für angewandte Psychologie.
Zeitschrift für Psychologie und Physio-
logie der Sinnesorgane: 1. Abt., Zeit-
schrift für Psychologie. 2. Abt., Zeit-
schrift für Sinnesphysiologie.

Religion

American Friend.
Anglican Theological Review.
*Christian Register.
Expository Times.
Harvard Theological Review.
Journal of Biblical Literature.
Journal of Religion.
Journal of Theological Studies.
*Publications of the American Jewish His-
torical Society.

Religious Education.
Revue biblique.
Revue de l'histoire de Religions.
*Spirit of Missions.
*Woman's Missionary Friend.
Zeitschrift für die Alttestamentliche Wes-
senschaft.
Zeitschrift für die Neutestamentliche Wes-
senschaft.

Science, General.

American Journal of Science.
Atti della Reale Accademia delle Scienze
di Torino.
British Association for the Advancement
of Science, Reports.

*Bulletin of the University of Wisconsin,
Science Series.
Comptes Rendus des Séances de l'Aca-
démie des Sciences.
Journal of Scientific Instruments.

*Kansas University, Science Bulletin.
Nature.
*New York State Museum Bulletin.
Philosophical Magazine.
Philosophical Transactions of the Royal
Society of London.
Proceedings of the American Philosophical
Society.
Proceedings of the National Academy of
Sciences.

Royal Society of London Proceedings,
series A and B.
Science.
Scientific American.
Scientific Monthly.
*U. S. National Museum, Publications.
*University of Missouri Studies, Science
Series.

Science, Biology

American Anthropologist.
American Journal of Anatomy.
American Journal of Physiology.
American Naturalist.
Anatomischer Anzeiger.
Archiv für die gesammte Physiologie.
Archiv für Entwicklungsmechanik.
Archiv für Protistenkunde.
Biochemical Journal.
Biochemische Zeitschrift.
Biologisches Centralblatt.
Botanisches Centralblatt.
Genetics.
*Illinois Biological Monographs
Jahrbücher für wissenschaftliche Botanik.
Journal de Physiologie
Journal of Biological Chemistry.
Journal of Experimental Medicine.
Journal of Experimental Zoology.
Journal of General Physiology.
Journal of Genetics.
Journal of Morphology.
Journal of Physiology.

Journal of the Royal Microscopical
Society.
*Midland Naturalist.
Physiological Abstracts.
Physiological Reviews.
Quarterly Journal of Microscopical
Science.
*U. S. Public Health Service, Publications.
*University of California Publications,
Physiology.
*University of California Publications,
Zoology.
*University of Pennsylvania, Contribu-
tions from the Zoological Laboratories.
*University of Toronto Studies, Biological
Series.
*University of Toronto Studies, Physio-
logical Series.
*Wilson Bulletin.
Zeitschrift für Physiologische Chemie.
Zeitschrift für wissenschaftliche Zoologie.
Zeitschrift für Zellforschung und mikro-
skopische Anatomie.
Zoologischer Anzeiger.

Science, Geology and Geography

American Association of Petroleum
Geologists. Bulletin.
Association of American Geographers,
Annals.
Bulletin of the Geographical Survey of
Philadelphia.
Centralblatt für Mineralogie.
Economic Geography.
Economic Geology.
Geographical Journal.
Geological Magazine.
Geologisches Centralblatt.
*Illinois Geological Survey Bulletin
Internationale Bergwirtschaft.

Journal of Geography.
Journal of Geology.
Meteorologische Zeitschrift.
Mineralogical Magazine.
National Geographic Magazine.
Neues Jahrbuch für Mineralogie, Geologie
und Paläontologie.
Pan-American Geologist.
Quarterly Journal of the Geological
Society.
Revue de Geologie.
*U. S. Monthly Weather Review.
*University of Toronto Studies, Geological
Series.

Mathematics, Chemistry, and Physics

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| <p> <i>Acta Mathematica.</i>
 <i>American Journal of Mathematics.</i>
 <i>American Mathematical Monthly.</i>
 <i>Annalen der Chemie.</i>
 <i>Annalen der Physik</i>
 <i>Annales de Chimie</i>
 <i>Annales de Physique.</i>
 <i>Annales des Sciences de l'Université de Toulouse.</i>
 <i>Annales scientifiques de l'Ecole Normale Supérieure.</i>
 <i>Annali di Matematica.</i>
 <i>Annals of Mathematics.</i>
 <i>Astrophysical Journal.</i>
 <i>Berichte der deutschen chemischen Gesellschaft.</i>
 <i>Bollettino di Matematica.</i>
 <i>British Chemical Abstracts.</i>
 <i>Bulletin de la Société Chimique de France.</i>
 <i>Bulletin de la Société mathématique.</i>
 <i>Bulletin des Sciences mathématiques.</i>
 <i>Bulletin of the American Mathematical Society.</i>
 <i>Cambridge Tracts in Mathematics.</i>
 <i>Chemical Reviews</i>
 <i>Chemisches Zentralblatt.</i>
 <i>Faraday Society Transactions.</i>
 <i>Giornale di Matematiche.</i>
 <i>Helvetica Chimica Acta.</i>
 <i>Jahrbuch der Chemie.</i>
 <i>Jahrbuch über die Fortschritte der Mathematik.</i>
 <i>Jahresbericht der deutschen Mathematiker Vereinigung.</i>
 <i>Journal de Chimie physique.</i> </p> | <p> <i>Journal de Mathématiques.</i>
 <i>Journal de Physique et de le Radium.</i>
 <i>Journal für die reine und angewandte Mathematik.</i>
 <i>Journal für praktische Chemie</i>
 <i>Journal of Physical Chemistry.</i>
 <i>Journal of the American Chemical Society.</i>
 <i>Journal of the London Chemical Society.</i>
 <i>Journal of the Optical Society.</i>
 <i>Kolloidzeitschrift.</i>
 <i>Mathematische Annalen.</i>
 <i>Mathematische Zeitschrift.</i>
 <i>Messenger of Mathematics.</i>
 <i>Monatshefte für Chemie.</i>
 <i>Physical Review.</i>
 <i>Physikalische Zeitschrift.</i>
 <i>Proceedings of the London Mathematical Society.</i>
 <i>Quarterly Journal of Mathematics.</i>
 <i>Recueil des Travaux Chimique des Pays-Bas.</i>
 <i>Rendiconti del Circolo Matematico di Palermo.</i>
 <i>Revue Semestrielle de Publications Mathématiques.</i>
 <i>Science Abstracts.</i>
 <i>Transactions of the American Mathematical Society.</i>
 <i>U. S. Bureau of Standards Bulletin.</i>
 <i>Zeitschrift für anorganische Chemie.</i>
 <i>Zeitschrift für Elektrochemie.</i>
 <i>Zeitschrift für Mathematik und Physik.</i>
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LIST OF DISSERTATIONS

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- ALLARD,† BEATRICE. A contribution to the study of the Moral Practices of certain social groups in Ancient Mesopotamia. 90 p., O. Leipzig, W. Drugulin. 1921.
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* Mrs. Leicester Bodine Holland.

† Mrs. Edwin Miller Brooks.

§ Mrs. R. H. Carpenter

‡ Mrs. Adolph Knopf.

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* Mrs. Carleton Brown.

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*Mrs. Francis Greenleaf Allinson.

†Mrs. George Courtenay Riley.

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* Died, 1917.

† Mrs. Harold Rafton.

‡ Mrs. Joseph M. Dohan.

§ Mrs. John Conley Parrish.

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|| Mrs. Adolph Knopf.

* Mrs. Walter Wesley Gethman.

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Bloomington, Ind. A.B., Indiana University, 1927; M.A., Bryn Mawr College, 1928.

Graduate Scholar in French, Bryn Mawr College, 1927-28.

FOX, MARY ELIZABETH.....*Graduate Scholar in Spanish.*

Davenport, Iowa. B.S., Colorado State College of Agriculture and Mechanical Arts,

1926. Teacher of English at the Sunrise, Wyoming, High School, 1925-26, and of

French and Spanish, Jamestown College, N. D., 1926-28.

PIAZZA, KATHERINE AMY.....*Graduate Scholar in Italian.*

Lincoln, Nebr. A.B., University of Nebraska, 1928.

JEFFREY, MARGARET.....*Graduate Scholar in German.*

Hawthorne, N. J. A.B., Wellesley College, 1927. Student, University of Frankfurt am

Main, Germany, 1927-28.

BRAND, ELIZABETH.....*Graduate Scholar in History.*

West Hartford, Conn. A.B., Mount Holyoke College, 1928.

DEN HARTOG, CLARA WILHELMINA.....*Graduate Scholar in History.*Amsterdam, Holland. *Cand. Hist.*, University of Amsterdam, 1925; *Doctoranda Hist.*, 1927.

WILDY, FRIEDA ELIZABETH,

Carola Woerishoffer Scholar in Social Economy and Social Research.

Boulder, Colo. A.B., University of Colorado, 1928.

WILLIAMS, ROSALIE,

Carola Woerishoffer Scholar in Social Economy and Social Research.

Stockton, Calif. A.B., College of the Pacific, 1928.

- BISS, IRENE MARY.....*Grace H. Dodge Scholar in Social Economy.*
Reigate, England. B.Sc., London School of Economics, 1925. Graduate Student, Girton College, Cambridge, 1925-28. Holder of the Cairnes Scholarship for Graduate Study or Research in Political Economy, awarded by Girton College, Cambridge.
- BLOODWORTH, JESSIE ATHEN...*Grace H. Dodge Scholar in Social Economy.*
Hartshorne, Okla. A.B., Oklahoma State University, 1920. Director, Social Center, Huchow, China, 1922-24; Director, Religious and Social Studies, McTyeire School, Shanghai, 1925-28.
- HANKINS, DOROTHY.....*Grace H. Dodge Scholar in Social Economy.*
Roanoke, Va. A.B., Lynchburg College, 1925. Teacher of English and Mathematics, Spring Garden, Va., 1925-26, and of Mathematics at Staunton, Va., 1926-28.
- HERMAN, FLORENCE SHELLEY, *Grace H. Dodge Scholar in Social Economy.*
Brooklyn, N. Y. A.B., Hunter College, 1928.
- VAN FLEET, JOSEPHINE...*Robert G. Valentine Scholar in Social Economy.*
Monte Vista, Colo. A.B., Colorado College, 1928.
- WALLACE, BERNICE HAMILTON.....*Graduate Scholar in Philosophy.*
Los Angeles, Calif. A.B., University of California, 1928.
- SMALL, MARY BROUGHTON.....*Graduate Scholar in Psychology.*
Montclair, N. J. A.B., Goucher College, 1928.
- FREEMAN, SARAH ELIZABETH...*Graduate Scholar in Classical Archaeology.*
Blairtown, N. J. A.B., Mount Holyoke College, 1928.
- SHEPARD, KATHARINE.....*Graduate Scholar in Classical Archaeology.*
New York City. A.B., Bryn Mawr College, 1928.
- HAYS, MARGARET BLANCHE.....*Graduate Scholar in Physics.*
Swissvale, Pa. A.B., Oberlin College, 1924; M.S., University of Pittsburgh, 1925. Teacher in Swissvale High School, February-June, 1926; Instructor in Physics, Hollins College, 1926-27. Fellow in Physics, Bryn Mawr College, 1927-28.
- FOWLER, ONA M.....*Graduate Scholar in Biology.*
North Adams, Mich. A.B., Hillsdale College, 1918; M.S., University of Michigan, 1919. Teacher of Biology and Chemistry, High School, Hacksville, O., 1919-21, and at the Synodical Junior College, Fulton, Mo., 1921-26. Graduate Student and Assistant in Zoölogy, University of Michigan, 1926-27 and summer of 1927; Instructor in Zoölogy, Lake Erie College, 1927-28.
- GILBERT, MARY L.....*Earlham College Scholar.*
Straughn, Ind. A.B., Earlham College, 1928.
- O'DONNELL, MARION FRANCES,
Scholar of the Society of Pennsylvania Women in New York.
Lansdowne, Pa. B.S., University of Pennsylvania, 1925; M.A., 1926.

GRADUATE STUDENTS

- ADAMS, ANNA CLINTON.....*Graduate Student in Archaeology.*
Philadelphia. A.B., Bryn Mawr College, 1926.
- ALLENSWORTH, INEZ LUCILE.....*Graduate Student in Greek and French.*
Canton, O. A.B., Wooster College, 1928.
- BAKER, RUTH.....*Graduate Student in Social Economy.*
Hiram, Ohio. A.B., Hiram College, 1926. Assistant, Treasurer's Office, Hiram College, 1926-28; Secretary, Department of Social Economy and Social Research, Bryn Mawr College, 1928-29.
- BLAIR, BERTHA.....*Graduate Student in Social Economy.*
Duluth, Minn. A.B., Macalester College, 1919. Teacher of English and History, Junior High School, Duluth, 1919-20; Girl Reserve Secretary, Y. W. C. A., Kalamazoo, 1920-23, and Industrial Secretary, Y. W. C. A., Duluth, 1925-27; Carola Woerishoffer Scholar in Social Economy and Social Research, Bryn Mawr College, 1927-28, and Research Assistant, Department of Social Economy, 1928-29.
- BRILL, EVE ALGER*.....*Graduate Student in Education.*
Philadelphia. B.S., Teachers College, Columbia University, 1928. Pre-School Teacher, Phebe Anna Thorne School, 1928-29.

* Mrs. Fred A. Brill, Jr.

BROWN, MIRIAM GRUBB.....*Graduate Student in Italian.*
Norristown, Pa. A.B., Bryn Mawr College, 1925. Teacher of English and Italian, Foxcroft School, Middleburg, Va., 1925-27; Instructor in Italian, Bryn Mawr College, 1927-29, and Graduate Student in Italian, 1927-28.

BURTON,* AILEEN CASEY,
Graduate Student in English and History, Semester I.
Philadelphia, Pa. A.B., University of Wisconsin, 1922. Graduate Student in English, Bryn Mawr College, 1927-28.

CHARLES, JEANNE MARIE LOUISE.....*Graduate Student in English.*
Paris, France. *Baccalauréat Latin—Langues Vivantes*, Sorbonne, 1922; Philosophie 1924; Brevet d'enseignement de l'Académie de Paris, 1918; Cours de Droit, 1925-26. Teacher of French, St. Catherine's School, Richmond, Va., 1927-28; and at the Phebe Anna Thorne School, 1928-29.

CHEW,† LUCY EVANS.....*Graduate Student in Italian, Semester I.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1918. Graduate Student in Italian, Bryn Mawr College, 1920-21, 1925-28.

CLARK, ANNA H.....*Graduate Student in Social Economy.*
New York City. A.B., Smith College, 1926. Secretary, Editorial Department, *The Survey*, New York, 1926-28. Research Assistant on Social Problems, Department of Social Economy, Bryn Mawr College, 1928-29.

COLE, GRACE MAY.....*Graduate Student in Education.*
Haverford, Pa. A.B., Wellesley College, 1917. Teacher, Faulkner School, Chicago, 1918-23, and at the Beaver Country Day School, Brookline, Mass., 1923-26. Principal, Friends' Central School, Overbrook, Pa., 1926-28, and Graduate Student, Bryn Mawr College, Sem. II, 1926-27, and 1927-28.

COLLINS, RUTH MULFORD...*Graduate Student in English and Education.*
Piedmont, Calif. A.B., Mills College, 1927. Graduate Student, University of California, 1927-28. Apprentice Teacher, Phebe Anna Thorne School, Bryn Mawr, 1928-29.

CRANE, HELEN BOND.....*Graduate Student in English and Music.*
Timonium, Md. A.B., Bryn Mawr College, 1909; M.A., Teachers College, Union Theological Seminary, Columbia University, 1925. Travelling Secretary, Student Volunteer Movement, 1910-12; Secretary, Y. W. C. A., Foochow, China, 1913-16; Associate Educational Secretary, Student Volunteer Movement, 1919-24, Editorial Work, 1926-28. Director of the Bureau of Recommendations and Warden of Denbigh Hall, Bryn Mawr College, 1928-29.

DUELL,‡ ANNA OTIS.....*Graduate Student in Latin and Greek.*
Rosemont, Pa. A.B., Smith College, 1924. Student, American School of Classical Studies, Rome, 1924-25.

ELSEY, FLORENCE.....*Graduate Student in Social Economy.*
Atchison, Kans. A.B., Stanford University, 1917.

EVANS,§ JEAN GRAHAM,*Graduate Student in History of Art and Economics.*
Bryn Mawr, Pa. A.B., University of Toronto, 1919. Graduate Student, Faculty of Education, University of Toronto, 1923-24. Teacher, Home Economics, Technical School, Galt, Can., 1924-28.

FAISSLER, JANE FRANCES.....*Graduate Student in Psychology.*
Sycamore, Ill. A.B., University of Illinois, 1926. Graduate Scholar in Psychology, Bryn Mawr College, 1926-27, Fellow in Psychology, 1927-28, and Demonstrator in Psychology, 1928-29.

FINCH, EDITH.....*Graduate Student in French.*
Greenfield, Mass. A.B., Bryn Mawr College, 1922; and M.A., 1928. B.A., Oxford University, 1924; Student, University of Oxford, 1922-24, and in Paris, 1925-26. Reader in English, Bryn Mawr College, 1924-25; Graduate Student in English and French, 1926-28, and Instructor in English, 1928-29.

FINKENTHAL, CHARLOTTE CAROLYN.....*Graduate Student in German.*
Cleveland, O. A.B., Western Reserve University, 1925. Teacher of German, French and Latin, Cleveland High Schools, 1925-28. Instructor in German, Bryn Mawr College, 1928-29.

* Mrs. J. P. Burton.
‡ Mrs. Prentice Duell.

† Mrs. Samuel Claggett Chew.
§ Mrs. Charles Sparling Evans.

- FISHER, JOSEPHINE.....*Graduate Student in History.*
Baltimore, Md. A.B., Bryn Mawr College, 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Teacher of History, Ethel Walker School, Simsbury, Conn., 1922-23. Warden of Pembroke Hall, 1927-29, and Graduate Student in History, Bryn Mawr College, Oct.-Dec., 1927.
- FRAME, MAUDE M.....*Graduate Student in Philosophy.*
Philadelphia. A.B., University of Pennsylvania, 1927. Part-time Reader in Philosophy, Bryn Mawr College, 1928-29.
- GALLAND, GEORGETTE CELINE.....*Graduate Student in English.*
Cherbourg, France. A.B., Western College for Women, Oxford, Ohio, 1925; M.A., Mount Holyoke College, 1926. Student at The Sorbonne, 1923-24, 1926-28.
- GARVIN, HILDA KATHARINE.....*Graduate Student in French.*
Beaconsfield, England. B.A., Honours, University of Oxford, 1926; M.A., University of Michigan, 1927. Instructor in English, Bryn Mawr College, and Graduate Student, 1927-29.
- GRIERSON, LETITIA JANE HARGRAVE.....*Graduate Student in English.*
Edinburgh, Scotland. B.A., University of Edinburgh, 1923, and M.A., 1924. Graduate Student, University of Cambridge, 1924-26; Assistant Lecturer in English, Edinburgh University, 1926-27; English Mistress, St. Bride's School, Edinburgh, 1927-28; Instructor in English, Bryn Mawr College, 1928-29.
- HENDRICKSON, MARION VAUX.....*Graduate Student in Italian.*
New Haven, Conn. A.B., Smith College, 1924. Instructor in Italian and Graduate Student, Bryn Mawr College, 1924-26; Teacher in the Lyman School, Ardmore, Pa., 1928-29.
- HOFRICHTER, RUTH JUSTINE.....*Graduate Student in German.*
Hessen, Germany. Ph.D., University of Heidelberg, 1921. Head of Modern Language Department, Midland College, Nebr., 1922-25; Assistant, German Department, University of Nebraska, 1927; Instructor in German, Bryn Mawr College, and Graduate Student in German, 1927-29.
- IRISH, FLORENCE CATHERINE.....*Graduate Student in History.*
Norristown, Pa. A.B., Bryn Mawr College, 1914, and M.A., 1916. Teacher of History, Gordon-Roney School, Philadelphia, 1916-17, and of History, Mathematics, and Physics, 1921-26; Information Analyst, Women's Committee, Council of National Defense, Washington, 1918-19; Assistant to the Treasurer of the Alumnae Association, Bryn Mawr College, 1928-29.
- LINN, MARY BETTINA.....*Graduate Student in Economics and Politics.*
Philadelphia. A.B., Bryn Mawr College, 1926. Student, London School of Economics, 1927-28.
- LITZENBERGER, MAE EDNA.....*Graduate Student in German.*
Forestdale, R. I. A.B., Mount Holyoke College, 1924; B.S., Simmons College, School of Library Science, 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925-29. Graduate Student in German, Bryn Mawr College, 1927-28.
- MACDONALD, MARY HELEN.....*Graduate Student in Mathematics.*
Ardmore, Pa. A.B., Bryn Mawr College, 1921, and M.A., 1924. Graduate Scholar in Mathematics, Bryn Mawr College, 1923-24, and Graduate Student, 1922-23, 1925-26, 1927-28. Assistant to Secretary and Registrar, Bryn Mawr College, 1921-23. Teacher of Physics and Mathematics, The Shipley School, Bryn Mawr, 1924—.
- MAIR,* ALICE VIRGINIA.....*Graduate Student in Education.*
Bryn Mawr, Pa. A.B., Wellesley College, 1926. Library Assistant, 1926-28.
- MALZ, GERTRUDE E.....*Graduate Student in Archæology.*
Philadelphia. A.B., Swarthmore College, 1923; A.M., University of Wisconsin, 1924, and Ph.D., 1928. Instructor in Latin, University of Cincinnati, 1925-26; Teacher of Latin, Phebe Anna Thorne School, 1928-29.
- MASON,† FLORENCE ROBERTS.....*Graduate Student in Education.*
Berwyn, Pa. A.B., Northwestern University, 1912; LL.B., Chicago Kent College of Law, 1916.
- NAGELVOORT, ADRIENNE....*Graduate Student in Mathematics and Physics.*
Royal Oak, Mich. A.B., University of Michigan, 1928.

* Mrs. Beveridge J. Mair.

† Mrs. J. Alden Mason.

PASCOE, HELEN MARJORIE... *Graduate Student in English and Philosophy.*
Indianapolis, Ind. A.B., Butler University, 1927.

PAXSON, EVALYN MATTSO... *Graduate Student in Education.*
Philadelphia. A.B., Vassar College, 1924. Teacher, Primary Grades, 1924-26; Private Tutor, 1926-27; Primary Teacher, Phebe Anna Thorne School, 1928-29.

PEEK, KATHARINE MARY... *Graduate Student in English*
Moline, Ill. A.B., Bryn Mawr College, 1922. Editorial Assistant, Crowell Publishing Company, 1923-24; Instructor in English, Bryn Mawr College, 1925-27, and Graduate Student in English, 1926-29; Warden of Merion Hall, 1927-29.

PERKY, * CHEVES WEST

Graduate Student in Psychology and Education, Oct.-Dec., 1928
Haverford, Pa. B.S., Teachers College, New York City, 1901; Ph.D., Cornell University 1918. Teacher Horace Mann School, 1901-02, Teacher in St. Agnes' School, Albany, N. Y., 1902-04; Professor of Psychology, Ohio State University, 1918-19; Assistant Professor of Art, University of Missouri, 1918-23; Student of Art, New York City, 1923-25; Teacher of Art, Phebe Anna Thorne School, 1925-29.

PRATT, SARAH DARLINGTON... *Graduate Student in Education, Semester II.*
West Chester, Pa. A.B., Swarthmore College, 1927. Teacher, Friends Central School, 1927-29.

REIMER, ISABEL ESTES... *Graduate Student in Education, Semester II.*
Philadelphia, Pa. A.B., Vassar College, 1926. Case Worker C.O.S., New York City, 1926-27; Teacher, Friend's Central School, 1927-29.

REINHOLD, MARGARET RILEY... *Graduate Student in Education.*
Armored, Pa. A.B., Sweet Briar College, 1926. Teacher of Arithmetic, Phebe Anna Thorne School, Bryn Mawr, 1926-29, and Graduate Student, Bryn Mawr College, 1926-27, and Sem. I, 1927-28.

RELYEA, PAULINE SAFFORD... *Graduate Student in History.*
Rome, N. Y. A.B., Smith College, 1924. Student, Columbia University, summer of 1926; and Chicago University, summer 1927. Teacher of History, Easthampton, N. Y., 1924-26; Rome, N. Y., 1926-27; and Phebe Anna Thorne School, Bryn Mawr, Pa.; Graduate Student, Bryn Mawr College, 1927-28.

RHOADS, ESTHER LOWREY... *Graduate Student in French.*
Philadelphia. A.B., Bryn Mawr College, 1924. Assistant Alumnae Secretary and Business Manager, *Alumnae Bulletin*, Bryn Mawr College, and Graduate Student, 1924-26, 1927-28. Warden of Merion Hall, Feb.-June, 1926; Student in Paris, 1926-27; Warden of Wyndham, 1927-29.

RHOADS, GRACE EVANS... *Graduate Student in Politics and Social Economy.*
Moorestown, N. J. A.B., Bryn Mawr College, 1922. Student, Columbia University, summer, 1925; at the Institute of Higher International Studies, Geneva, 1928. Teacher of English, Rosemary Hall, Greenwich, Conn., 1922-24; and Wilmington's Friends' School, Wilmington, Del., 1926-27. Assistant Warden of Pembroke Hall, 1928-29.

ROWE, ELNAY ROMEYNE,

Graduate Student in Social Economy, Semester II, 1929.
Burlington, Wis. A.B., University of Wisconsin, 1927, and M.A., 1925. Advertising Manager, Simpson Garment Company, Madison, Wis., 1928-Feb. 1929. Research Assistant, Department of Social Economy, Bryn Mawr College, Feb.-June, 1929.

SALINGER, MARGARETTA MATHILDA... *Graduate Student in History of Art.*
Bloomfield, N. J. A.B., Bryn Mawr College, 1928. Reader in History of Art, Bryn Mawr College, 1928-29.

SCHNIEDERS, MARIE HELENE... *Graduate Student in German.*
New York City. A.B., Barnard College, 1927. Instructor in German, Bryn Mawr College, 1928-29.

SHAW, ANNIE GILLESPIE,

Graduate Student in Social Economy and Social Research, Semester II.
Uddington, Lanarkshire, Scotland. M.A., Edinburgh University, 1927. British Scholar, Bryn Mawr College, 1927-28. Graduate Student, Columbia University, Sem. I, and Bryn Mawr College, Sem. II, 1928-29.

* Mrs. Cheves W. Perky.

SHAW, HELEN LOUISE.....*Graduate Student.*
Bryn Mawr, Pa. Ph.B., University of Chicago, 1920. Teacher in Elementary Schools, 1913-18; in the Katherine Branson School, San Rafael, Calif., 1920-21; in the University of California Elementary School, 1921-22; in Mrs. Caskin's School, Overbrook, Philadelphia, 1922-23; in the Phebe Anna Thorne School, Bryn Mawr, 1923-25. Graduate Student in History, Bryn Mawr College, 1922-25; and Graduate Scholar in History, 1925-27; Student, University of London, 1927-28.

SILLIMAN, FRANCES E.....*Graduate Student in Biology.*
Hibbing, Minn. B.S., University of Minnesota, 1928.

SINDALL, BARBARA JOAN.....*Graduate Student in Archæology.*
A.B., Bryn Mawr College, 1926. Student, American Academy in Rome, 1926-27. Teacher of Latin, Shipley School, Bryn Mawr, 1927-29.

SMITH, JULIA IRENE
Graduate Student in Education and Psychology, Semester I.
A.B., Syracuse University, 1922. Second Grade Critic, Brockport Normal School, 1922-28.

SPACKMAN, BARBARA SPENCER
Graduate Student in German and French, Semester II.
Ardmore, Pa. A.B., Bryn Mawr College, 1927.

SYKES, EDITH ELLEN.....*Graduate Student in French.*
Philadelphia. A.B., Bryn Mawr College, 1903. Graduate Student, University of Pennsylvania, 1922-27. Teacher of English, Philadelphia High School for Girls, 1908-11; Translator, Military Intelligence, Washington, D. C., 1917-19; Teacher of Spanish and French, Brown Preparatory School, 1920-28.

WARD, JULIA.....*Graduate Student in History and Politics.*
Navesink P.O., N. J. A.B., Bryn Mawr College, 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student and Warden of East House, Bryn Mawr College, 1924-25; Graduate Student and Warden of Rockefeller Hall, 1925-27, 1928-29; Fanny Bullock Workman Fellow and Student at London University, 1927-28.

WEBSTER, CHARLOTTE.....*Graduate Student in Geology.*
Elvria, O. A.B., Oberlin College, 1926; M.A., 1928. Graduate Scholar and Assistant in Geology, Oberlin College, 1926-28; Demonstrator in Geology, Bryn Mawr College, 1928-29.

WICKINS, AVIS MARIE.....*Graduate Student in English.*
Cheyenne, Wyo. A.B., University of California, Dec., 1927.

WOOD, KATHRYN LOUISE.....*Graduate Student in French.*
Merion, Pa. A.B., Hollins College, 1925; A.M., University of Pennsylvania, 1927. Teacher of French, Stonewall Jackson College, Abingdon, Va., 1927-28.

WOODWORTH, ALLEGRA.....*Graduate Student in History.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1925. Teacher of History and Algebra, The Ethel Walker School, Simsbury, Conn., 1925-27; Teacher of History, The Shipley School, Bryn Mawr, 1927-29. Graduate Student, Bryn Mawr College, 1927-28.

WOODWORTH, MARY KATHARINE.....*Graduate Student in English.*
Bryn Mawr, Pa. A.B., Bryn Mawr College, 1924; M.A., 1927. Teacher in the Phebe Anna Thorne School, and Graduate Student, Bryn Mawr College, 1925-29.

WRIGHT, AUDREY,
Graduate Student in Social Economy and Social Research and in Education.
Washington, D. C. A.B., Oberlin College, 1927. Graduate Student, Bryn Mawr College, 1927-28.

WULF, DORIS.....*Graduate Student in Music.*
Bryn Mawr, Pa. A.B., University of Cincinnati, 1918; Certificate, Dalcroze Institute, Geneva, Switzerland; Teacher of Eurhythmics, Thorne School, Bryn Mawr, 1928-29.

WYCKOFF, LILLIAN.....*Graduate Student in Chemistry.*
Philadelphia. A.B., Bryn Mawr College, 1922. Graduate Student, Bryn Mawr College, 1923-25 and 1926-28; Yale University, 1925-26. Teacher in preparatory schools, 1922-24; Teacher of Science, Baldwin School, Bryn Mawr, 1926-28.

SUMMARY OF GRADUATE STUDENTS

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